

The CHEMIST AND DRUGGIST

for RETAILER - WHOLESALER - MANUFACTURER

Founded 1859

28 Essex Street, Strand, London, W.C.2

Registered as a Newspaper

3 2 7 8
XXXXVIII

DECEMBER 5, 1942

Annual Subscription (with
Diary) 25/- Single Copies 9d.

*The Wright soap for
the family ration!*



WRIGHT'S *Coal Tar Soap*
Unsurpassed for Purity · Quality and Merit for over 75 years

WRIGHT LAYMAN & UMNEY LTD., SOUTHWARK STREET, LONDON, S.E.1

EUTHYMOL

and the Pharmacist



Chemists perform a vital National service. They comprise a highly important part of the machinery for maintaining the nation's health: the medical profession unhesitatingly relies upon them to dispense prescriptions accurately. They are authorities on toilet preparations as well as drugs, and their opinion is always worth attention. For over forty years they have been recommending

Euthymol
TOOTH PASTE

The letters M.P.S. stand for "Member of the Pharmaceutical Society" and signify that the holder is a registered, qualified chemist. The important place in health. Your

him to d
ions acc
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as

your
regis-
inident

Advertisements such as these are now appearing in well-known periodicals. It is believed that they will prove helpful in stimulating a wider appreciation of the services that pharmacists are rendering to the community

Parke, Davis & Co.
50 Beak St. W. I.

Show 'Elasto'—It Sells on Sight!

It's advertised as a Chemist's Line



ONE SHILLING AND SIXPENCE PROFIT ON EVERY SALE

'Elasto' Advertising is Nation-wide and Consistent. An ever-increasing demand for this product is being created at your very door; a slight effort on your part will bring this new and profitable business to your door. An 'Elasto' showcard displayed in your window will bring most gratifying results. You can recommend 'Elasto' with confidence for: Varicose Veins, Bad Leg, Piles, Heart Troubles, Rheumatism, Bad Circulation, etc. 'Elasto' is a simple, easy to handle and reliable.

**NEW REDUCED
PRICES:**
P.A.T.A.

Retail Price 5/- per pkt.
* Including purchase tax.

Wholesale 42/- per doz.
* Including purchase tax.

A FEW SHOW CARDS STILL AVAILABLE

the NEW ERA TREATMENT CO. LTD.

DEPT. R

CECIL HOUSE, HOLBORN VIADUCT, LONDON, E.C.1

A rapidly growing demand



Orders promptly filled

An entirely new kind of antiseptic ointment. In accordance with latest clinical research. Contains non-irritating antiseptic in a modern emulsified base.

Comparative tests by the U.S.A. 'Agar-Plate' method show germicidal qualities far superior to Carbolic Ointment, Boric Ointment and others, tested on B. Coli, B. Megatherium, Streptococcus Faecalis and Staphylococcus Albus.

White, agreeable to use, soothing. Won't stain linen. Invisible on skin. Recommended for pyogenic infections of the skin—impetigo, barber's rash, etc. For spots, minor cuts and wounds, common skin troubles.

Sold in one size only, a jar,
 retailing 1/9½d. each
 Purchase Tax 16⅔% 2½d. each
 Price to public, including tax ... 2/0d.

Terms to retailers 15/- a dozen. Purchase Tax 2/6 per doz. 5% for cash with order.
 (Minimum direct order 3 dozen.)

Bigger profits for YOU

**Big
National
Advertising**

VALDERMA

ANTISEPTIC BALM

Crookes'

HALIBUT LIVER OIL

New Standard Bonus Parcels

The "mixed" parcels previously supplied have been abandoned in favour of "straight dozens" of the various packings of both oil and capsules. This will obviate the stock difficulties associated with the "mixed" orders in last year's offer and will greatly facilitate despatch and transport.

Owing to supply difficulties the "25 capsules" pack has been entirely discontinued but the "100 capsules" pack is again available. The "oil" packs remain as formerly.

We must RESERVE THE RIGHT to restrict the number of parcels supplied to any one establishment and thereby, as far as possible, ensure fair distribution.

TERMS OF SUPPLY:

- 1 Bonus in kind will be allowed only when one or more standard parcels G, H, J, K, L, M are ordered.
- 2 The order must be accompanied by cash. No pro-forma invoices can be issued.
- 3 Orders for broken parcels or unaccompanied by cash will not be entitled to bonus in kind.
- 4 Bonus in kind cannot be allowed on any other Halibut Oil Products.



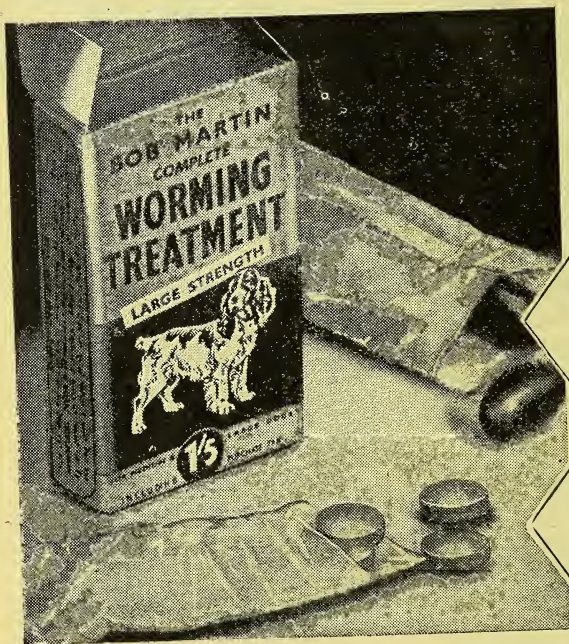
CROOKES' HALIBUT LIVER OIL Standard Parcels of Drops or Capsules only

PARCEL	Contents	Bonus	Sell	£	s.	d.
PARCEL G = 1 DOZEN	12 x 15 c.c. 5/- Drops	1	5/-		3	0 0
	Less 25%				15	0
	.. 10%				2	5 0
	.. 10%				4	6
*Amount of cash with order				*£2	0	6
PARCEL H = 3 DOZEN	36 x 5 c.c. 2/- Drops	3	2/-		3	12 0
	Less 25%				18	0
	.. 10%				2	14 0
	.. 10%				5	5
*Amount of cash with order				*£2	8	7
PARCEL J = 1 DOZEN	12 x 30 c.c. 9/- Drops	1	9/-		5	8 0
	Less 25%				1	7 0
	.. 10%				4	1 0
	.. 10%				8	1
*Amount of cash with order				*£3	12	11
PARCEL K = 6 DOZEN	72 x 5 c.c. 2/- Drops	12	2/-		7	4 0
	Less 25%				1	16 0
	.. 10%				5	8 0
	.. 10%				10	10
*Amount of cash with order				*£4	17	2
PARCEL L = 1 DOZEN	12 x 100 Capsules	1	8/6		5	2 0
	Less 25%				1	5 6
	.. 10%				3	16 6
	.. 10%				7	8
*Amount of cash with order				*£3	8	10
PARCEL M = 3 DOZEN	36 x 100 Capsules	3	8/6		15	6 0
	Less 25%				3	16 6
	.. 10%				11	9 6
	.. 10%				1	3 0
*Amount of cash with order				*£10	6	6

THE ONLY DOUBLE-ACTION WORMING TREATMENT

In worming dogs, the recognised practice is to administer (1) a vermicide, followed by (2) an aperient. Now for the first time the two essential medicaments are provided in *one* carton. The Bob Martin Worming Treatment (for large and medium dogs), comprising Worm Capsules and Aperient Tablets, forms a complete

treatment which will cure the most obstinate case without harm to the animal. This unique line is just what dog - owners have long wanted. Packed in cartons containing 3 Worm Capsules and 6 Aperient Tablets with full directions. Prices, Retail 1/5 per carton. Wholesale, 11/5 per dozen. BOB MARTIN LTD. SOUTHPORT LANC



THE WORM CAPSULES
paralyse the worms, thus
loosening their hold on
the intestines.

THE APERIENT TABLETS
(to be given 20 minutes
later) expel the worms by
a gentle purgative action

BOB MARTIN'S COMPLETE WORMING TREATMENT

ESTABLISHED 1878

FOR

LABELS

CARTONS

ENVELOPES

AND EVERY DESCRIPTION

of

MEDICAL PRINTING

Write to

ALF. HARRISON & SONS, LTD.

THE CHEMISTS' PRINTERS

BURLEY ROAD

LEEDS, 4

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The demand for Serocalcin is greater than ever this year

What about your stock?

Nothing is more annoying to the pharmacist or more disappointing to his customers than to be "out of stock." Like you, we want to avoid this where Serocalcin is concerned, and we are doing our very best to make the distribution as even and fair as possible. If you will co-operate with us in ordering early—now—disappointment can be avoided.

SEROCALCIN PREVENTS COLDS

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REGD.

The Natural Calcium Compound

'Calfos,' which is derived from natural sources, supplies calcium and phosphorus in a palatable, concentrated form which ensures absorption in the correct physiological ratio.

*Widely advertised to
the medical profession*

CALFOS LTD.

IMPERIAL HOUSE,
KINGSWAY, W.C.2

Temple Bar 3629

TRADE & RETAIL PRICES

	Face Price Exclusive of Tax	TRADE PRICE per dozen	Purchase Tax per dozen	Minimum Retail Price including Pur. Tax
Box of 50 tablets	2/6	20/-	3/4	2/9½
Box of 120 tablets	4/9	38/-	6/4	5/3½
Box of 500 tablets	12/6	100/-	16/8	13/11

DISPLAY CARD ON REQUEST



The Name the
public associates
with Quality
after 32 years of
trial



UNITED CHEMISTS ASSOCIATION LIMITED
UCAL WORKS, CHELTENHAM

Available for Immediate Delivery

Chemists will be glad to hear that we can offer immediate delivery of limited reasonable quantities of Pileta Toilet Soap.

This de luxe Soap has always held a high place in the regard of the discriminating.

Full 3-oz. Tablets, $1/3\frac{1}{2}$ d. retail, including purchase tax.
Wholesale, 10/- per dozen, plus $3/6$ tax.

It would be wise not to delay in placing your order.

DEARBORN (1923) LTD.

Hellidon House, Hellidon, Nr. Daventry, Northants

AN IMPROVED AND BETTER TYPE OF DENTURE FIXATIVE

Pocket Size $7\frac{1}{2}$ d.

Large Size $1/3$ d.



**A DENTIST'S OWN
PROFESSIONAL FORMULA
—TESTED AND APPROVED BY
OVER 6,000 ENGLISH DENTISTS**

- 1 NOT subject to Limitation of Supplies Order
- 2 NO purchase tax.
- 3 Ample supplies available for immediate shipment to the trade.

Write for trade terms including display discounts.

**DON S. MOMAND LTD., 10/15, CHITTY STREET,
LONDON, W.1, Sole Distributors for DENTESSIVE LTD**

New



... A
**SUPER BRUSHLESS
SHAVING CREAM**
by
COTY



to the trade and to the public the fact that "Plus One" is made by Coty sufficient introduction. The name 'Coty' is a guarantee of the highest efficiency, purity and excellence. Speedy, emollient; no brush, no trouble, no irritation; "Plus One" would be sure of success on merit alone. With the hall-mark of the 'Coty' name and the aid of well-placed publicity, a big demand is certain. Make sure of your share of this worthwhile business.

'Plus One'

BRUSHLESS SHAVING CREAM

	Net Price per doz.	Purchase Tax per doz.	Retail Price incl. tax
Tube No. 48	13/1	4/4	2/- each
Jar No. 48 Bis	24/7	8/2	3/9 each

COTY (ENG.) LTD. 41 HIGH STREET LEIGHTON BUZZARD



After one hundred and fifty-three years there is a slowing-up in the production of Pears Soap, unavoidable because of war conditions. But although Pears Transparent Soaps will be in very short supply, we hope still to supply you with a soap made by Pears—*Pears Embassy*. Embassy is not a transparent soap, but it is fully worthy of the high quality always associated with the name of Pears.



Pears

A. & F. Pears Ltd., Isleworth, Middlesex PT 220/171



*Medicine
comes first*

WE have been compelled by circumstances to decline substantial business which has offered itself in bottles and jars for toilet preparations and other products which can scarcely be regarded as essential.

THIS policy enables us to meet, to the greatest possible extent, the requirements of our regular customers in bottles for medicines and pharmaceutical purposes. Even here, in common with other glass manufacturers, we are finding it difficult to keep pace with the vastly increased wartime demand.

A FAIR apportionment of our output is the goal we have set ourselves, and we ask our friends to accept our assurance that we are, as always, mindful of their needs, and are giving the best service which lies in our power, bearing in mind that priority must be given to government and export supplies.

**BEATSON CLARK
& CO. LTD.**

*Manufacturers of Chemical
and Medical Glass*

ROTHERHAM, YORKSHIRE

Established 1751

WANT RAZOR BLADES? *GET MULTISHAVES!*

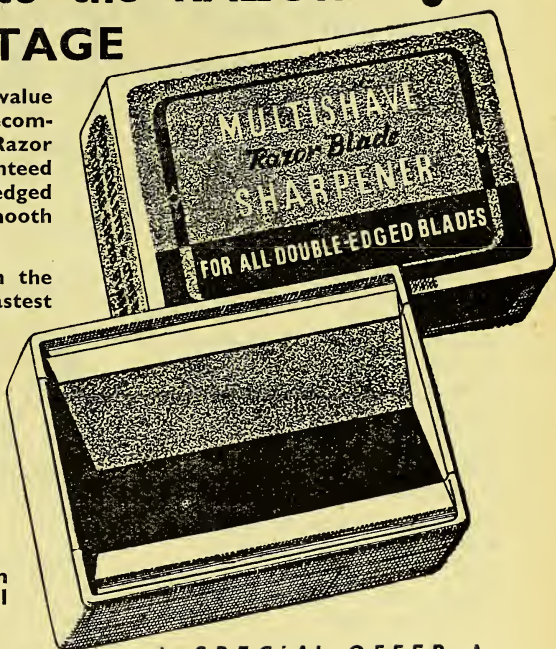
The Solution to the RAZOR BLADE SHORTAGE

Progressive Chemists who value their customers' confidence recommend the Multishave Safety Razor Blade Sharpener — the guaranteed sharpener that makes double-edged blades give many extra smooth shaves.

The sharpening agent used in the Multishave is the finest, fastest cutting abrasive known.

The bluntest blade, even if it has been stropped or rubbed in a tumbler until it is beyond hope, can be given a new edge in ten seconds with the Multishave.

There are no glass parts to the Multishave—no fear of breakage or accidents. It is ideal for travellers, particularly men in the Forces, and is a thoughtful gift.



★ SPECIAL OFFER ★

To create a large sale immediately for Multishaves in your district, to your advantage, in consideration of your order for 12 cartons each 3 doz. Multishave Safety Razor Blade Sharpeners **YOU GET FREE OF CHARGE** 13 weekly advertisements in your local evening or weekly newspaper, mentioning your name only as Multishave stockists. This advertising sells many Multishaves for you.

ORDER MULTISHAVE OUTFITS FROM YOUR WHOLESALER
or send direct to

MULTISHAVE Limited, Fortess Grove, LONDON, N.W.5

Telephone: GULLIVER 1467

Announcement!

In accordance with
the new Packaging
Restrictions

SHEPHERD'S SUPERFOAM (VELFOAM)

TOILET SOFT SOAP
is now only avail-
able in

7lb. CONTAINERS

The Superfoam properties of this
Hair Soap — which has made it
the biggest selling line of its kind
— is fully maintained in the bulk
supplies.

There is no Hair Soap as good as
Shepherd's. It is exceptionally
pure, and despite war-time diffi-
culties, is still transparent. In
addition to giving an abundant
and immediate lather, it contains
a special ingredient which enables
the Soap to be easily rinsed off.

The new retail price is 7½d per
6 oz. Directional labels are sup-
plied for each 6 oz.

Retailers are requested to buy through their
usual Wholesale suppliers.



SOLE MFRS W.S. SHEPHERD LTD.
CASSLAND WORKS, BRAMSHAW RD., LONDON, E.9

GARDINERS for OVERALLS



HIGH GRADE LONG OVERALL COATS

Super Quality, specially shrunk
White, 15/9, 17/9, 21/-
Khaki, 15/3, 16/-, 18/-
Coats: 3 coupons

SHOP JACKETS

Super White Drill
9/11, 11/9, 13/6

Jackets: 2 coupons

Send P.C. to Department G.
for illustrated list showing
styles. Prices subject to altera-
tion. State style required and
we will gladly quote you. Cash
with order, or usual trade
references. Satisfaction guaran-
teed.

GARDINER & CO. (THE SCOTCH HOUSE) LTD.
1, 3 & 5 COMMERCIAL ROAD, LONDON, E.1

Phone: BIS 6751 (3 lines)

Opposite the New Aldgate East Station

On every polished floor



use NON-SLIP
Furmoto
FLOOR CREAM

Guaranteed 100% Non-slip

Furmoto shines floors like glass—produces a
hard, treadproof and waterproof surface on
any kind of flooring and linoleum—yet on it
you can't slip an inch. Because of this it is
the only polish that should ever be used in
Shops, Offices, Factories, Warehouses, Stores, etc. Avoid
accident claims as result of anyone falling on slippery
floors. You are absolutely safe with Furmoto, for with
every tin is given

£100 FREE INSURANCE AGAINST SLIPPING
Sold in 2/- tins and larger sizes at Chemists,
Grocers, Ironmongers, Stores, etc.

Enquiries for Bulk Supplies should be sent to address below

Furmoto non-slip
FLOOR CREAM

In case of difficulty, write for name of nearest stockist to—
FURMOTO CHEMICAL CO. (FACTORS) LTD.
1-3 Brixton Rd., S.W.9



COTY has some good news

DEALERS will by now have received their share of the 20% quota together with a supply of AIR SPUN FACE POWDER and TALC, as promised in our last advertisement.

Here is some more good news. We have now received permission to distribute a further 30% quota. We are busy now preparing this for dispatch. By the time you read this advertisement, much of this extra 30% will be on its way.

We hope that when this allocation has been delivered to the trade, we shall be in the position to distribute a further supply of AIR SPUN FACE POWDER and TALC.

We are endeavouring in every way to pass on these concessions to the Trade as quickly as possible. And you can rely on us to do our best.

COTY (ENGLAND) LTD. 41 HIGH STREET, LEIGHTON BUZZARD, BEDS
TELEPHONE: LEIGHTON BUZZARD 2383.

36's



FORMULA

Menthol 0.226%
Phenol 0.678%
Paraformaldehyde 0.54%
Potassium Iodide 0.037%
Creosote 0.012%
Ac. Citric 0.061%
Colour and Excipients to 100%.



1 to 3 Doz. 9/6 per doz. + P.T. 16 2/3% = 11/1 doz.
6 Doz. lots 8/6 per doz. + P.T. 16 2/3% = 9/11 doz.
1 Gross lots 8/- per doz. + P.T. 16 2/3% = 9/4 doz.

BONUS. 13 to Doz., 6 doz. and over.
5 to 10 Gross lots, Special Rates.

Retail 1/3 (Inc. Tax)

Packed in Dozen Outers, 3 Doz. and over
Carriage Paid

Orders may be Assorted

HOUGH, HOSEASON & CO., LTD. PENDLETON, MANCHESTER

Good Companions

FORMULA

Calc. Hypophosph. 1.1 gr. Ext.
Cascara Sicc. 0.05 gr. Ext. Sabal
Liq. 0.05 gr. Ol. Anisi 0.04 min.
Calc. Phosph. 2.2 gr. Haemoglobin 0.1 gr. Iodine (Colloidal) 0.0006 gr. Calc. Lact. 0.01 gr. Ext. Chelidon Liq. (1-1) 0.02 gr. Excipients, etc., ad. 6 gr.



50's

HELPING WOMEN TO MEET THE CHANGE

Consistent advertising in the National Press has brought KLIMAX TABLETS to the notice of women who have been quick to appreciate the virtue of this medically approved formula. For alleviating distress during the trying "change-of-life" period KLIMAX TABLETS are invaluable. Your recommendation can be both a power for good and a promoter of prestige.

KLIMAX BRAND TABLETS

Retail price 3/10½, including Tax
Trade price 27/- per doz., plus 4/6 per doz. Tax

Orders accepted only through
Wholesale Chemist Houses

BURTON RHODES & Co., Ltd.

Medical Dept. 409 Kilburn High
Road, LONDON, N.W.6

Yestamin has a Steadying Influence—



on the Nerves
and Stomachs
of Customers

and an Invigorating
Tonic Effect on your

DAILY SALES

YESTAMIN VITAMIN YEAST TABLETS

THE ENGLISH GRAINS Co. Ltd., BURTON-ON-TRENT

SPECIALISTS IN THE MANUFACTURE OF

TABLETS & PILLS



SINCE

1860

Also... AMPOULES · EMULSIONS · EXTRACTS
INFUSIONS · OINTMENTS · SUPPOSITORIES.
PROPRIETARY AND OWN FORMULA PILLS AND TABLETS

*We invite enquiries from Wholesalers and Exporters for all
classes of Pharmaceutical Preparations in bulk or packed*

RICHARD DANIEL & SON, LTD, DERBY.
TELEPHONE: DERBY 4266/7/8 TELEGRAMS: DANIA DERBY

LABELS

**Specialists in the
Design & Printing
of Medical & Toilet**

Labels — Owing to new
regulations 6d. must be sent be-
fore we can forward sample range

CARILLON PRESS Ltd BOURNEMOUTH

Artists in the Production of Fine Labels

The PERFECT
*air-tight closure
for all containers*

'TRANSOTAPE'

CELLULOSE SELF-ADHESIVE TAPE

Samples & Prices from
JOHN GOSHERON & CO. LTD. Gayford Rd. LONDON, W.2

**It's AIRPROOF
DAMP-PROOF
and GERMPROOF**

Makers of **COMPRESSED TABLETS**

for the Manufacturing and Wholesale Trade only

The DALES ASPIRIN COMPANY (H. A. TOLKIEN) PROPRIETOR

Output of Saccharin

and Aspirin Tablets sold for some months ahead

SILSDEN, Nr. KEIGHLEY, Yorks.

M.O.F A Doctor Writes:

During recent years medical scientists have placed increasing emphasis on the importance of diet as a factor in the well-being of the individual. While this principle is capable of general application to the community as a whole, it applies with special force to the expectant and nursing mother and her dietetic requirements have specially attracted the thought of research workers and dietitians. The makers of M.O.F. have made a careful study of the results of these researches, and the manufacture of this food has been so designed as to incorporate many of the elements that modern science has discovered in regard to the vital needs of the pregnant woman and her child.

One of the chief aims in antenatal supervision and care is to maintain the patient's health at as high a level as possible. In this policy nothing is more important than a food such as M.O.F. . . . such a foodstuff can be recommended with every confidence, not only as palatable and easily digestible, but, what is more important, as one which will guard the expectant mother against many of the disorders of pregnancy and lactation and help to ensure the birth of a healthy baby."

Signed M.D. . . F.R.C.S.E.

RETAIL PRICE

1/9

per 1-lb.
tin

M.O.F

(MIDLOTHIAN OAT FOOD)

The Certificate of the Royal Institute of Public Health and Hygiene has been awarded in respect of M.O.F.

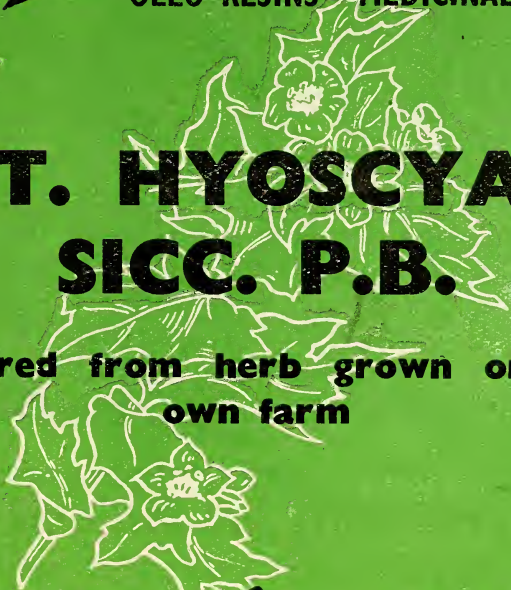
**FOR EXPECTANT AND NURSING MOTHERS
WEANING INFANTS AND INVALIDS**

*Specially processed from the finest
Scottish Groats by A. & R. SCOTT LTD.,*

COLINTON, MIDLOTHIAN, SCOTLAND

Extracts

TINCTURES • RESINOIDS
OLEO RESINS • MEDICINAL RESINS



**EXT. HYOSCYAMI
SICC. P.B.**

**Prepared from herb grown on our
own farm**

W^m Ransom
AND SON LTD.

MANUFACTURING CHEMISTS, HITCHIN, Hertfordshire

ESTABLISHED 1846



RENDELLS PRODUCTS for FEMININE HYGIENE

SILATEX

MENSINOLE

SANTRON

***RENDELLS**

** famous for over 50 years . . .*

W. J. RENDELL LTD. HARDWICK HOUSE, 161-5, ROSEBERY AVENUE, LONDON, E.C.1.

“BONSANTÉ”

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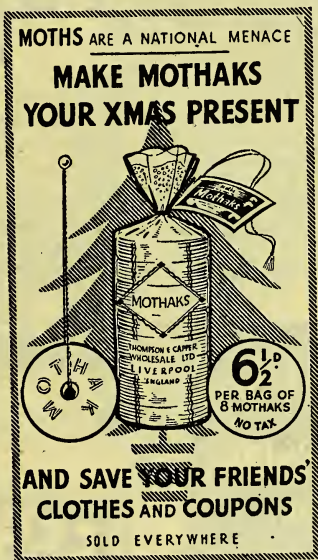
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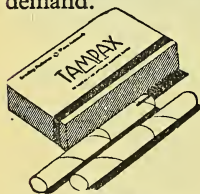
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NEWS OF THE WEEK

the Beveridge Report.—This report has been published (Cmd. 6404, price 2s.). It proposes a far-reaching series of changes designed to consolidate and enlarge the system of social insurance. The scheme includes the establishment of family allowances, comprehensive health and rehabilitation services and the avoidance of mass unemployment. A report of the scheme will be published in next week's issue.

Toilet Preparations Exports.—Recent changes in export licensing system have made it necessary for exporters of toilet preparations to obtain licences for all products, wherever their intended destination, which contain any proportion, however small, of gums, mineral jelly or waxes, or which contain more than 50 per cent. of fats or greases. We are informed that the Perfumery and Toilet Preparations Export Group has circulated a questionnaire to obtain particulars of past trade by exporters as a basis on which export quota

arrangements for the products affected might be made. The Board of Trade has now informed the Group that export quotas cannot be considered except on the basis of the returns of past trade, and that application from exporters who do not make the returns cannot be considered. Exporters of toilet preparations affected by this new restriction may obtain copies of the trade questionnaire from the Secretary of the Perfumery and Toilet Preparations Export Group, 69 Cannon Street, London, E.C.4.

Rubber Gloves Licence.—A general licence and direction issued by the Board of Trade (S. R. & O., 1942, No. 2364) authorises traders, in certain circumstances, to supply rubber gloves not exceeding three pairs to customers presenting certificates. The certificates must be signed by a registered medical practitioner, and are issued in respect of long and intractable cases of eczema, cheiropompholyx, and intractable dermatitis.

Saunders' Essay Competition.—The first three places in the W. H. Saunders' essay competition, 1942, open to students of the Liverpool School of Pharmacy, were Mr. F. H. Askew, Miss Florence Forshaw and Mr. G. E. Knowles.

Withdrawal of Authorities.—The Home Secretary has withdrawn the authorities granted by the Regulations made under the Dangerous Drugs Act, 1920, from Richard Morton Geldart, M.R.C.S., L.R.C.P., Vista, Findon Road, Worthing, Sussex; and Bernard John Barnett, M.D., 123 Gillott Road, Edgbaston, Birmingham.

Benevolent Fund Election.—A special general meeting of the Pharmaceutical Society for the election of twenty-eight annuitants will take place at Friends' House, Euston Road, N.W.1, on December 10, at 2 p.m. The Council has resolved to add the twenty-eight candidates to the list of annuitants, and no issue of voting papers will therefore be necessary.

Manchester Activities.—A meeting of the Association and Branch was held on November 18, the president (Mr. A. E. Thorpe) in the chair. MR. H. HAWORTH (superintendent, Manchester Pricing Bureau) gave an address on "N.H.I. Dispensing War-time Difficulties," discussing the requirements of N.H.I. dispensing in normal times and going on to deal with the problems arising from the introduction of the National War Formulary and the regulations and instructions made necessary by the scarcity of many drugs and preparations used in medicine. When questions had been answered MR. H. BRINDLE proposed the vote of thanks to MR. HAWORTH. THE SECRETARY (Mr. T. Miller) announced that the Association Council and Branch executive had had under consideration the introduction of post-graduate or refresher classes for pharmacists who had qualified five or more years earlier. The pharmacy department, through Mr. Brindle, had undertaken to provide the course, and a start would be made in January, when lectures, followed by practical work in the laboratories, would be held on Wednesday afternoons (fee £1 1s.). Membership of the classes would be limited to twenty-four, as that was the extent of the bench accommodation available. A further course would probably be available later in the year. The Branch is making a special appeal on behalf of the Society's War Aid Fund, and contributions are being received by Mr. T. Miller, 3 Wyngate Road, Hale, Cheshire.

U.S. Vitamins for Eire.—A twelve months' supply of vitamins, valued at over £10,000, has arrived in Eire from the United States of America. The consignment comprised capsules containing vitamins A, B, C, E and G separately; A and C together; and the omnibus-pack A, B, D and G.

Birmingham Post-graduate Lectures.—A short course in physiology has been arranged for qualified pharmacists at the Birmingham Central Technical College. The course will occupy two terms, and the lectures will cover approximately the present requirements of the Chemist and Druggist qualification. The classes will be on Mondays from 6-7.30 p.m., commencing January 14. Chemists wishing to attend the course should send their names to the principal before December 19; the fee is 11s., and the number of places is limited.

Chemists and Metal Salvage.—The Directorate of Salvage and Recovery, Ministry of Supply, suggests that chemists can make a valuable contribution to the campaign for recovery of non-ferrous metals by appealing to customers for tubes exhausted of dentifrices, cosmetics, shaving cream and medicaments and by providing receptacles into which customers can put them. Chemists themselves should search for all unwanted and unusable fixtures, fittings, and apparatus made from non-ferrous metal. Metal foil is also wanted. Collected material may be disposed of by being taken to a depot specially provided by the local authority, or sold to a scrap-metal merchant.

Bath Branch of the Pharmaceutical Society.—At the annual meeting held on November 24, the officers and committee were re-elected. A programme of meetings was suggested for the coming session, and it was decided to support both the War District Fund of the National Pharmaceutical Union and the War Aid Fund of the Pharmaceutical Society by a voluntary levy deducted from the monthly cheques received by members from the Insurance Committee. The meeting approved the following resolution to be submitted to the Council of the Society: "That the Bath District Branch hereby call upon the Council to resist any attempt which might be made to replace pharmacists by unqualified persons, whether in retail, hospital, or manufacturing practice. The Branch further requests the Council to refuse to recognise any 'modified' examination that may be suggested at any time."

British Colour Makers.—At the annual meeting of the British Colour Makers' Association on November 17, the following officers and council were elected for the year: *Chairman*, Mr. J. Crombie (James Watson & Co. (Colours), Ltd.); *Vice-Chairman*, Mr. H. G. Ferguson (Cornbrook Chemical Co., Ltd.); *Treasurer*, Mr. C. G. A. Allan (Cowan Brothers (Stratford), Ltd.); *Council*, Messrs. K. Burrell, J. Crombie, H. G. Ferguson, A. H. Orchard, H. Ralph, J. Taylor, and H. A. Wilson; *Secretary*, Allan J. Holden, B.Sc., F.I.C.

Northern Ireland Apprenticeships.—At the monthly meeting of the Council of the Pharmaceutical Society of Northern Ireland, held on November 20, it was agreed to grant the Certificate of Apprentice to ten candidates who had submitted certificates of having passed the Senior Certificate Examination of the Ministry of Education (N.I.), one candidate possessing matriculation certificate of Queen's University, Belfast, and nine holders of certificates from the Pharmaceutical Preliminary Examination of Queen's University, Belfast.

Brighton Association.—The annual meeting of the Brighton and Hove Association of Pharmacy was held on November 25, when office-bearers elected were: *President*, Cecil V. Brumwell; *Vice-presidents*, R. G. Munford and Miss F. Kielsen; *Treasurer*, Mr. H. R. Gwatkin; *Librarian*, H. B. Mackie; *National Pharmaceutical Association Branch Secretary*, Mr. T. Rees; *Committee*: The Misses Burkett, Lacroix; Messrs. J. A. Buckley, L. Chatfield, R. A. Shimmin, H. Weston, A. Thomas, S. F. George and D. W. Edson; *Secretary*, Mr. Arch. Wilson, 13 Ave Park Villas, Hove, 4. Members and friends were afterwards served with refreshments, followed by a musical and marionette entertainment.

Chemists' and Druggists' Society of Ireland.—A meeting of the management committee of the Chemists' and Druggists' Society of Ireland was held at 73a Ann Street, Belfast, on November 11, Mr. Fred Grey (president) in the chair. The chairman referred to the loss their member J. H. Johnston had sustained by the death of his wife. On the motion of Mr. DREY, seconded by Mr. NEVIN, Mr. Bernethy was congratulated on his appointment as treasurer of the Pharmaceutical Society of Northern Ireland, and J. Irwin as member of the Council. The vacancy for a druggists' representative on

the Council was considered, and Mr. Spence Adair, Newry, was unanimously adopted by the committee for submission to the Council as the suggested co-opted member.

Spectacular Success of Sulphapyridine.—Speaking to group representatives of the Hospital Savings Association on November 29, the Minister of Health (Mr. Ernest Brown) said that in 1939, by skilled use of the new drug sulphapyridine the fatality rate from cerebro-spinal meningitis (spotted fever) was brought down to 33 per cent., against 66 per cent. in 1934-37. At present four out of every five patients recovered. It had been estimated by Dr. W. J. Martin, (Medical Research Council) that this drug, administered in hospitals to men and women suffering from spotted fever, saved 10,000 lives in the years 1939-41. Probably 7,500 more lives were saved by the use of sulphapyridine in pneumonia cases. "So, taking only two diseases, a single drug has saved more lives than the Nazi war machine was able to destroy in the Battle of Egypt."

Cod Liver Oil and Fruit Juices.—The Ministry of Health has issued as Circular 2732 a note to welfare authorities in England stating that only a comparatively small percentage of the children eligible are now being given the benefit of these special preparations. It is proposed to undertake an intensive publicity campaign to impress upon the mothers the importance to the health of their children, now and in the future, of cod liver oil and fruit juices, particularly during the winter months, and also the fact that the supplements can be purchased at maternity and child welfare centres as well as at local food offices. Authorities are asked to arrange for the supplements to be on sale at every maternity and child welfare centre whenever it is open. If existing workers are not sufficient to compass all the work involved, he suggests that a special effort should be made to enlist the help of voluntary workers. Cod liver oil will shortly be made available to expectant mothers on the same terms as to children under five. It is recognised that not all women may be able to take cod liver oil, but those who can take it should be encouraged to do so; at a later date it is hoped to make capsules of an oil with a high vitamin D content available through the ante-natal clinics. At the present time the cod liver oil compound supplied for young children may be used for expectant mothers, the dosage given on the bottle being disregarded and a dose up to two teaspoonfuls a day being recommended if the mother can take it.

TOPICAL REFLECTIONS

Biological Assays

The sessional meetings of the North British Branch of the Pharmaceutical Society have, as usual, opened with an attractive address by a distinguished scientist (p. 558). Dr. J. H. Gaddum's treatment of "The Future of Biological Assays" was in effect a post-graduate lecture, and may be regarded as a model of the type. A few weeks ago, reference was made in "Topical Reflections" to the hope that tedious biological examinations for the purpose of standardising products will ultimately be superseded by chemical tests. Dr. Gaddum offers no prospect of an early realisation of this hope, for he points out that not only is it impossible at present to devise satisfactory chemical tests of the kinds required, but—and this is a more formidable obstacle—some of the substances concerned are obtained in quantities too small for chemical estimation. International standards for biological testing have been in use for several years (and it is satisfactory to remember that many are in British keeping). Their use, however, is in one sense limited by the fact that in biological testing some of the active principles under investigation may be present in different ratios. With severe scientific candour the lecturer told his audience that in the case of digitalis the most that can be expected from biological assay is the exclusion of "grossly abnormal preparations." A fact of particular interest mentioned is that although the pharmacological purity of a substance is a very different thing from chemical purity, "and may sometimes be achieved by very crude methods," the experimental error arising is often no larger than that involved in chemical assay.

Tinctures in War-time

Rather surprisingly, as it would seem, Dr. Joseph Tait has informed a questioner at Glasgow (p. 551) that "Scottish doctors knew there was no deficiency of tinctures." We have so long been accustomed to regarding Scotland as the headquarters of thrift that a "hang the expense" attitude in its largest city gives us something of a shock. When we turn to the Addenda to the British Pharmacopœia we find the idea of economy in prescribing writ large in more than one of them. This is very observable (as Pepys used to phrase it) in the case of galenicals prepared with an

alcoholic menstruum or containing substantial proportions of ethyl alcohol. Where else is the purpose of the new liquid tracts, of the eleven concentrated tinctures of the aromatic solution of ammonia; of the concentrated solution of ethyl nitrite? If we consult the Second Supplement to the British Pharmacopœia we find the same idea exemplified. In each of three tinctures, for instance, seventy-minims of a liquid extract replaces two fluid drachms of the corresponding tincture (Similar economies are being effected in the prescribing of glycerin and of fixed oils). Frivolous persons south of the Border may ask, "Stands Scotland where it did?"

N.F. VII

As one of the few (I suppose) in this country to be already privileged to look through National Formulary VII, I have read your review on p. 560 with interest. Within the limits of a paragraph I may confine myself to a single aspect of this valuable book of reference. On what principle have the seventy-one monographs been selected from United States Pharmacopœia XI? (A similar question might be asked about what may be called the shut service of formulas between the two corresponding books in this country.) At the head of the list stands acetum scillæ, a galenical dating back, according to A. Wootton, to the sixth century B.C., and attributed to Pythagoras. While the compilers of the U.S.P. have been willing to relinquish it, the compilers of N.F. VII have thought it important enough to order its preservation in "tight containers." Liquor ammonii acetatis is another of its favourites deposited or reduced in *Massa hydrargyri*, with "blue pill" as one of its synonyms, goes the same way; the average dose is, I notice, gr. iij., whereas the corresponding B.P. pill, of equal strength, has an official dose of gr. iv. to gr. viij. An interesting addition to the new N.F. is Dover's powder, a preparation one would hardly have expected to fall from official status: it has as a near companion *pulvis sennæ compositus*, which is slightly stronger in senna than the corresponding *pulvis glycyrrhizæ compositus* of the British Pharmacopœia. In the contents of the B.P. Addenda we may discern a hint that the process of converting official drugs and galenicals into semi-official ones is reversible.

Xrayser

LEGAL REPORTS

Charge of Receiving Thermometers.—At a recent trial, recently, a number of persons were charged with stealing or receiving thermometers, the property of H. J. Elliott & Co., Ltd., Treforest Trading Estate. By O. Anthony, M.P.S., Abercynon, was admitted for trial for, it was alleged, receiving four dairy thermometers and four medical thermometers, knowing them to have been stolen. An employee of the manufacturers stated she sold the thermometers to defendant for 14s. The latter, according to police evidence, said he bought them in good faith.

Reduction of Capital.—Mr. Justice Sills, in the Chancery Division, on November 30, confirmed a reduction of the capital of Ansar Harford & Co., Ltd., cod oil merchants, by returning to the shareholders two-thirds of the paid-up capital, which involved a sum of £10,000. H. E. Salt, for the company, explained that the £10,000 was no longer capable of being used by the company. Its business was based on in England and Holland, but after the invasion of Holland by the Germans the company had been unable to obtain supplies. The stocks in England had been disposed of, and the business was now at a standstill. The capital was £100,000 in 1,500 £10 shares, of which 1,494 shares had been issued. Since 1940 the company's premises and plant in the Netherlands had been in the hands of the Germans. The £10,000 would be sufficient to restore the business after the war, when the company hoped to obtain compensation for losses resulting from the war. The company had written down its assets in Holland to nil but it still had a surplus of liquid assets, not from capital, of some £20,000.

Wrongly Labelled Malt and Oil.—At a recent trial, on November 25, John Irwin, Sons & Co., Ltd., owners of a chain of grocery stores in the Merseyside area, were summoned for having given with a jar of cod liver oil which was alleged to falsely describe as a medicine. Defendants summoned Evans Sons Lescher & Webb, Ltd., manufacturing chemists, who supplied them with the preparation. According to the prosecution, analysis revealed that there was no cod liver oil in the substance. Professor W. H. Roberts, city analyst, said cod liver oil was replaced by a well-known substitute for cod liver oil, and was recommended in an addendum to the British Pharmacopœia. Although the label was wrong, witness agreed the contents of the jar were good. On behalf of Messrs. Irwins, it was stated that for many years they purchased malt extract and cod liver oil, ready made up in labelled jars, from Evans Sons Lescher & Webb, Ltd., who supplied labels bearing Irwins' name. Mr. Hector Munro, for Messrs. Evans, stated the label referred to was a pre-war label, and the company were unable to find out how it came to be used instead of the vitaminised arachis oil label. The summons against Irwin, Sons & Co., Ltd., was dismissed. Evans Sons Lescher & Webb, Ltd., were fined £5.

Pharmacy and Medicines Act.—At Liverpool Police Court, on November 25, Liverpool Co-operative Society, Ltd., were summoned, under the Pharmacy and Medicines Act, 1941, for having sold a substance recommended as a medicine, namely, orange quinine, which did not bear on its label a statement of the appropriate quantitative particulars of the constituents or ingredients. It was stated that the only particulars on the label of the bottle of orange quinine, sold for 11d., was that the contents were non-alcoholic and the dose was half-a-glassful three times a day. The percentage of quinine to the other ingredients was not stated. The liquid contained quinine phosphate equivalent to one grain per fluid ounce. In the opinion of Professor W. H. Roberts, city analyst, orange quinine was a medicine, because it contained quinine phosphate, which was recommended as a medicine. In the British Pharmaceutical Codex, the minimum dose of quinine phosphate was given as one grain per fluid ounce. The defence was that the preparation was not recommended as a medicine. Mr. John Maude, for the Co-operative Society, said there never was a case under the old Medicine Stamp Acts in which it was suggested that the statement of dosage on a bottle or box, was a recommendation of the contents as a medicine. He said that the present case was of vital importance to the defendants. Mr. J. R. Bishop, who prosecuted, pointed out that the word "Quinine" was printed large on the label, and quinine was quoted as a medicine in the British Pharmaceutical Codex. The stipendiary magistrate said he would reserve his decision until December 9.

TRADE NOTES

Beef and Vegetable Extract.—No points or coupons are required for Pa-Ma beef and vegetable extract, manufactured by Pa-Ma Food Products, Ltd., Newcastle-on-Tyne (sole consignees, A. C. Fincken & Co., Keynsham Priors, High Street, Cheltenham).

Green Soft Soap in Bulk.—Shepherd's Superfoam toilet soft soap (W. S. Shepherd, Ltd., Cassland Works, Bramshaw Road, London, E.9) is now to be had only in 7-lb. containers. The preparation remains pure and transparent despite war-time manufacturing difficulties.

Seeds Agency.—Bees, Ltd., Agency Dept., C.D., 175 Mill Street, Liverpool, invite chemists to apply for terms (for taking up an agency for Bees' seeds) by pinning to their bill-head an announcement to be found elsewhere in this issue, and simply forwarding it to the company.

Worming Treatment for Dogs.—Bob Martin, Ltd., Southport, Lancs, claim that their complete worming treatment for large and medium dogs is the only double-action (vermicide and aperient) treatment of its kind. The pack contains three worm capsules and six aperient tablets.

Tablets for Climacteric.—Klimax tablets, for relieving distress of women at the change of life, are being advertised in the national Press by Burton, Rhodes & Co., Ltd., Medical Department, 409 Kilburn High Road, London, N.W.6. Orders should be placed through usual wholesalers.

Suggested Christmas Present.—The suggestion is being made in a series of advertisements by Thompson & Capper Wholesale, Ltd., Speke Hall Road, Liverpool, 19, now appearing in the Press, that packets of Mothaks will prove acceptable Christmas presents in these days of clothes coupons.

Lemon Substitute.—Supplies are again available through usual wholesalers or the agents (S. Maw, Son & Sons, Ltd., Aldersgate House, New Barnet, Herts) of Lem-Lem lemon substitute. This product, which is manufactured by Clinical Products, Ltd., The Green, Richmond, Surrey, carries a warranty of indemnity.

Distribution Arrangements.—W. J. Bush & Co., Ltd., fruit essence distillers, London, E.8, have completed arrangements for distributing Bonsanté blackcurrant syrup through seven well-known wholesalers. A list appears elsewhere in this issue. The product is available in 12-oz. bottles only,

and contains not less than 20 mgm. ascorbic acid per fl. oz.

Popular Antiseptic.—Attention is being directed by Burgoyne, Burbidges & Ltd., London, E.6, to Burgol antiseptic. This is a para-chlor-meta-xylenol preparation, non-poisonous yet three times as powerful as phenol by the Rideal-Walton test, and miscible in all proportions with water. The preparation is rendered aromatic by the use of ti-tree oil.

Tabloid Trade Mark.—We are advised by Burroughs Wellcome & Co. (The Wellcome Foundation, Ltd.), 183-93 Euston Road, London, N.W.1, that their trade mark Tabloid has been defensively registered in all classes of goods (see *C. & D.*, October 24, p. 416). This is stated to be the first occasion upon which defensive registration in all classes has been granted to any trade mark.

Quota Increase.—Dealers who have taken the advantage of a 20 per cent. quota for Air-spun face powder are now advised by Coty (England), Ltd., 41 High Street, Leighton Buzzard, Beds, that permission has been given for the release of a further 30 per cent. quota. The concession is being passed on to the trade as rapidly as possible. The same company has introduced Face One, a new brushless shaving cream, available in tubes and jars of one size each.

Business Changes

ARISTOL PRODUCTS (David Harris), Shropshire Driesmen, have removed to 6 Tower Street, West Park, Harrogate.

Proprietary Articles Trade Association

Additions to Protected List.—Milton Antiseptic, Ltd. Milton, bulk prices: 80-oz. winchester, 4s., 38s. 5d. doz., tax 6s. 4d. doz., inclusive retail price 7s. 0½d.; ½-gal. 4s., 38s. 5d. doz., tax 6s. 4½d. doz., i.r.p. 9s. 6½d.; 1-gall., 6s. 6d., 62s. 5d. doz., tax 10s. 4½d. doz., i.r.p. 13s. 10½d.; 5 gal. at 5s. gall., 20s. each, tax 3s. 4d. doz., i.r.p. 48s. 4d. Retail prices including purchase tax also cover cost of containers. Charge of 2 pence for 5-gall. container is for a carboy. 5-gall. wickered jar is required, inclusive retail price is 53s. 4d.

The Last Month.—To ensure the salvation of one million tons of Waste Paper, the target for 1942, it will be essential to save every scrap during December.

COMPANY NEWS

G. CARLSBERG & SON (LONDON), LTD.
 Capital £4,000. To acquire a business of surgical and veterinary instrument maker carried on at Chesham by G. Carsberg as H. G. Carsberg & Son. Directors to be appointed. R.O.: 211 Chesham Avenue, Chesham, Bucks.

CHAMBERLAIN & SONS (QUALIFIED CHEMISTS), LTD.
 Capital £4,000. Manufacturers of and dealers in chemical products and proprietary articles, manufacturers of and dealers in cosmetics, photographic supplies, etc. John F. Legg and William Dennis, directors. R.O.: 211 King Street, Hammer-smith, London, W.6.

A. LESTER (CHEMISTS), LTD. (P.C.)—Capital £1,500. To acquire the business of manufacturing, wholesale and retail chemist and opticians carried on at 17 Cambridge Street, Sheffield, by the executors of the late Frederick A. Lester. Mrs. Alice Lester, George T. Carter, and Norman Alley, M.P.S., directors.

PROTECTION ORDER.—Alfred Ernest Chadwick, M.P.S., 16 Mount Echo Avenue, Waltham, Essex, was on November 12 granted a Protection Order under the Companies (War-time Adjustment) Act.

CHAMBERLAIN & SONS, LTD.—Trading profit for the ended June 30 amounted to £128,853, against £131,377 in the previous year. Net profit was £24,197, against £25,089. A final dividend of 15 per cent. has been declared, making 25 per cent. for the year (same as previous year). Charges included £15,050 (against £9,458) for depreciation and £1,096 (against £86,153) for taxation. £1,031 is carried forward (against £14,636 brought in).

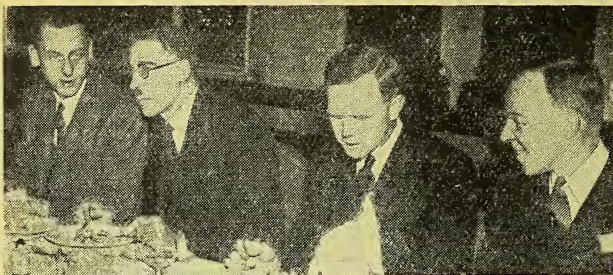
Bankruptcy.—MOSES FAGOT, M.P.S., 32 Chesham Avenue, Bedford Park, London, W.4. Public examination was held on November 12.

Statement of affairs showed liabilities £902 and assets valued at £11. Debtor stated he qualified in January 1932, and started business on his own account in August 1940. He attributed his failure to the loss of proceedings brought against him in connection with the purchase of the business.

Private Arrangement.—F. W. MARSH, M.P.S., trading as Barnes & Marsh, The Village Pharmacy, 79 Park Hall Road, West Dulwich, London, S.E. A circular dated November 17 has been issued to the members by the Association of Manufactur-

ing Chemists, London, stating that they have been consulted by the above concerning his affairs. In view of Mr. Marsh's state of health it has been considered advisable to execute a deed of assignment to Mr. Parkin S. Booth. Mr. Marsh commenced business in 1899. The premises are held on a lease which has two years to run at a rental of £80 per annum, but a portion is sublet at £1 weekly. In 1937 the turnover amounted to £2,228, but by 1941 it had declined to £697. In the blitz of 1940 the surrounding district was damaged, resulting in a number of people leaving the neighbourhood. This accounted for the decline in the takings. The business is being continued and it is the trustee's intention to endeavour to dispose of it as a going concern. Statement of affairs gives liabilities as £106, all due to the trade; in addition, the bank is a fully-secured creditor for £616. Assets comprise cash at bank and in hand, £251; stock, at cost, £200, expected to realise £150; fixtures and fittings, £75, put down at £50; and book debts, £30, total £481. From this amount has to be deducted £91 for preferential claims, leaving net assets of £390 10s., or a surplus of £284.

Voluntary Liquidation.—WALTERS (CHEMISTS), LTD., 13 Old Street, London, E.C. A meeting of the creditors was held in London recently. Statement of affairs showed ranking liabilities of £1,224, made up as follows: Trade creditors, £370; expense creditors, £87; and cash claim, £767. After allowing £19 for preferential claims, net assets were £262, or a deficiency, as regarded the creditors, of £962. Assets comprised: Stock-in-trade, £200; fixtures and fittings, £130, put down at £75; and cash at bank and in hand, £6. The issued capital of the company was £52. Company was formed in October 1933, capital £100. The business had formerly been carried on by Mr. J. R. Walters, and on his death the company was formed. Takings had averaged £40 a week. For some time past efforts had been made to dispose of the business as a going concern, but without success. The shop had now been closed down. The creditors confirmed the appointment of Mr. H. J. Veitch as liquidator, and a committee of inspection was appointed consisting of Mr. P. S. Booth and the representatives of Butler & Crisp and The British Drug Houses, Ltd. An offer of £285 for the stock and fixtures has been accepted.



Above: Mr. J. McClenahan, Mr. J. D. Bohn, Mr. A. R. G. Chanings and Mr. I. V. L. Fergusson. Right: Mr. A. Mortimer and Mr. G. A. Mallinson.



Mr. J. Evans,
Chairman, N.P.U.

The "C. & D." Cameraman at

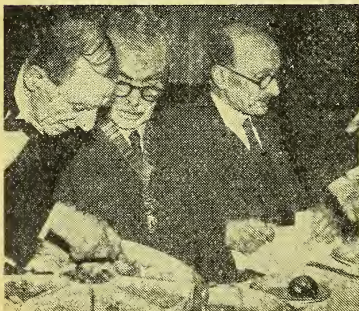
CHEMISTS' FRIENDS MANUFACTURERS LUNCHEON . . .

London
November 25, 1942

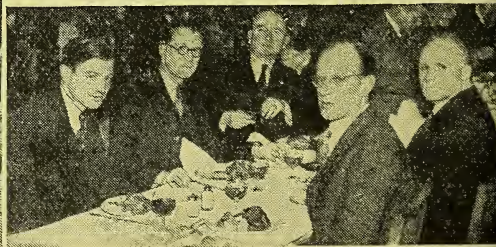


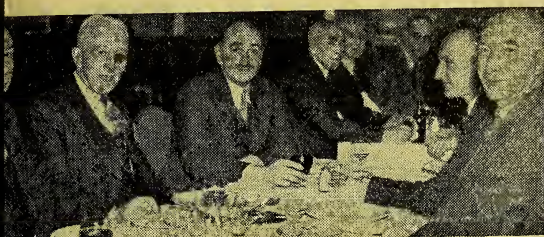
Mr. J. Hearle,
President, C.F.A.

Below: Mr. J. Evans and Mr.
J. Hearle.



Messrs. E. A. Brocklehurst, A. Dobson, S. Shoesmith,
E. Pedley, R. A. Hall and R. Julliard.

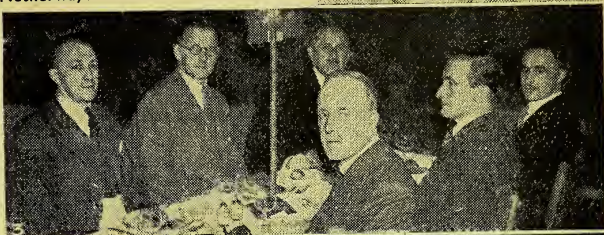




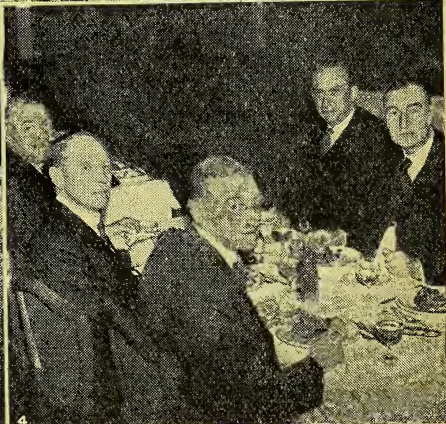
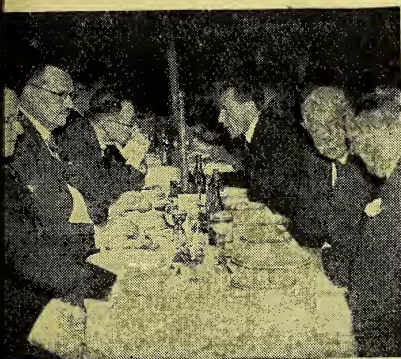
Messrs. J. E. Blackwell, R. A. Blakeley, H. J. Cowley,
C. Dalrymple and H. Punchard.
E. A. Atkins and Mr. S. M. Netherway.



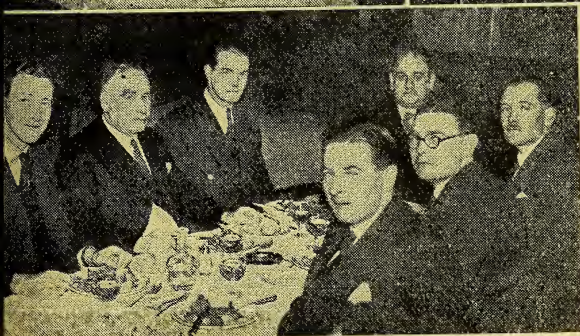
Messrs. S. Brook, Messrs. S. J.
D. J. Perkins, H. F. A.
W. J. Beardsley and
J. Phipcott.



Messrs. E. W. Godding, J.
J. Rennie, C. M. Muir,
J. Phipcott and A. J. Black.



4. Messrs. H. Marshall, H. E.
Creswell, J. F. Rogers, T. M.
Proudfoot and H. Stapley.



6. Messrs. W. J. Tristram, J. T.
Davenport, M. F. Bellamy.
G. W. Miller, J. E. Wells, C. C.
Collins and M. Gold.

CHEMISTS' FRIENDS MANUFACTURERS

THE seventh annual meeting of Chemists' Friends Manufacturers was held in London on November 25, the president of the Chemists' Friends Association (Mr. J. Hearle) in the chair.

Messrs. C. Dalrymple (Ayrton, Saunders & Co., Ltd.) and J. F. Rogers (John Wyeth & Brother, Ltd.) were appointed scrutineers in a postal ballot for the election of eight manufacturers' representatives to the C.F. Council in 1943. The results of the election were announced at a later stage of the meeting, when THE SECRETARY reported receipt of nine nominations for the eight vacancies. THE SCRUTINEERS reported to the president, who declared that, as a result of the election, the following firms would continue to represent manufacturers on the C.F. Council during 1943: Allen & Hanburys, Ltd.; British Colloids, Ltd.; The British Drug Houses, Ltd.; Evans Sons Lescher & Webb, Ltd.; Genatosan, Ltd.; Meggeson & Co., Ltd.; Parke, Davis & Co.; and Westminster Laboratories, Ltd.

Annual Report and Recommendations

Whilst the scrutiny of the voting papers was in progress the PRESIDENT summarised the annual report of the Council for the year ended September 30. On the whole, he said, members could look to the future with every confidence. The reputation and the solidarity of the C.F.A. would be enhanced, he felt, by pursuing carefully the selective policy adopted by the Council. He paid tribute to the treasurer (Mr. R. Peck, May, Roberts & Co., Ltd.) for the way in which he had looked after the finances of the Association during the year. The President submitted for the consideration of the manufacturers a recommendation from the C.F. Council that the following definitions of C.F. goods, obligations, window displays and penalties should be adopted as from January 1, 1943:—

1. DEFINITIONS: Chemists' Friends goods are proprietary medicinal preparations and proprietary medicinal and surgical dressings on the C.F. list.

2. RETAILERS' C.F. OBLIGATIONS: (a) Chemists are permitted to sell C.F. goods only by retail to the public, hospitals, doctors and other approved professional persons. They may not supply C.F. products to non-chemist traders for re-sale. (b) Chemists are expected in return for the exclusive right to sell C.F. goods, to use their utmost endeavour in every way to give them priority of sale over eligible non-C.F. goods.

3. WINDOW DISPLAYS: (a) Chemists are under an obligation to display C.F. goods suitable for

their class of business. (b) C.F. goods should be as complete as the available matter permits. (c) Non-C.F. goods of proprietary character, which are eligible for inclusion in the C.F. list but do not appear therein, and showcards or other advertising material relating thereto, are not to appear in the window, etc. In a comparative display of similar products no exception is to be taken for the inclusion of one of each size (up to a maximum of three) of a non-C.F. product. A C.F. ticket may be used (e.g. a non-C.F. proprietary aspirin with a display of aspirin tablets; C.F. proprietary cough mixture with a display of cough mixtures). Counter and open displays in the shop are to be treated in the same way as window displays.

PENALTIES: The penalty for non-observance of the C.F. obligations and requirements relating to window displays are to be withdrawal of supplies of all C.F. goods. This penalty is enforced in future when a chemist ignores a warning, unless he is prepared to enter into an agreement (with a penalty not exceeding the value of the goods) promising not to commit future breaches of the conditions under which he receives non-C.F. goods. The conditions applicable to products on the C.F. list shall be applied by the retailer to proprietary medicinal preparations manufactured by him or on his behalf.

Following a discussion in which Mr. J. Mallinson (secretary, National Pharmaceutical Union), Punchard (Stemco, Ltd.), Knott (Parke, Davis & Co.), Beard (Dimol Laboratories, Ltd.), J. E. Black (Genatosan, Ltd.), F. J. Smith (Sanofi, Ltd.), Cripps (Allen & Hanburys, Ltd.), Dalrymple (Ayrton, Saunders & Co.), took part, it was unanimously resolved that the above definitions should be approved and adopted from January 1, 1943.

The President assured manufacturers present that it was the intention of the C.F. Council to proceed carefully at present and not to cause any upheaval of existing trade practices during war-time. The matter was then considered and approved a further recommendation, submitted by the Council, that when the agreement of a manufacturer expired, he should if he was still on a deposit basis, be given six months' notice of termination of the agreement regarding the deposit, and that unless notice to the contrary was received, he would be continued as a subscribing member.

Vote of Thanks

MR. J. MILNER (Milner & Coke, Ltd.) proposed a vote of thanks to the chairman (Mr. J. Hearle) who, after replying, thanked the manufacturers for their attendance and declared the meeting closed. Editorial, p. 5

PHARMACEUTICAL SOCIETY OF NORTHERN IRELAND

The monthly meeting of the Council of the Pharmaceutical Society of Northern Ireland was held at 73 University Street, Belfast, November 20, when the following members were present: Messrs. H. F. Moore (President, in the chair), J. T. Nicholl (vice-president), J. E. Connor, James Donaghy, H. H. Cowzer, James McDowell, John McGregor, W. C. Tate, Charles Abernethy (Treasurer), S. H. Forrest, James Irwin, S. E. Acheson, Professor James Small and Professor E. B. C. Mayrs. The secretary (Mr. D. L. Kirkpatrick) was in attendance.

At the outset THE PRESIDENT referred to the passing of Mr. Henry Grattan Pring, B.E., J.P., who was the grandson of the founder of Grattan's and a foundation member of the Council appointed by the Government in 1925. He had been connected with pharmacy for over a period of thirty years and fifty of these had been spent as chairman of Grattan's, Ltd. He was instrumental in forming the Special Constabulary in South Antrim and held the rank of District Commandant in the B Special Constabulary. It was for his work in the Specials that he received the O.B.E. Mr. MOORE also spoke of the bereavement suffered by Mr. J. W. Gray (Armagh) in the death of his mother and said she was well-known in the Primatial city for her good works. The Council passed a vote of sympathy with the relatives of the bereaved families.

Grants to Technical Schools

A notice of motion "that the Council allocate a sum not exceeding £45 for grants to technical schools during the year 1942-43" was proposed by Mr. J. DONAGHY, seconded by Mr. J. E. CONNOR, J.P., and passed. Mr. CONNOR thought that the Ministry of Education might be asked to increase their grants to pharmaceutical students attending technical schools, but PROFESSOR SMALL and Mr. J. T. NICHOLL pointed out that the Ministry were already giving capitation grants even when a class only contained four students, and thought it was the duty of the Council to help those future pharmacists. Mr. McDOWELL hoped that the sum voted would be sufficient to cover the needs of those requiring aid. Application for financial help had been sent in from Coleraine per Mr. J. H. White,

M.P.S., and from Magherafelt Technical School per Mr. R. McCormick, principal. On the motion of Mr. J. DONAGHY, seconded by Mr. J. E. CONNOR, a grant of £17 was made to Coleraine and a sum of £25 was voted to Magherafelt Technical School on the motion of Mr. J. MCGREGOR, seconded by Mr. JAMES IRWIN. PROFESSOR SMALL moved an amendment to this motion that the sum be £20. This was seconded by Dr. S. E. A. ACHESON, and on being put to a vote was lost; the original motion was adopted.

Co-option of Druggist Representative

Mr. JAMES IRWIN suggested that this matter be adjourned, and Mr. JAMES McDOWELL was also of this opinion. Mr. J. MCGREGOR said he understood that in due time the druggist representation on the Council would cease. Mr. W. C. TATE said that the Council should have the privilege of co-opting their own member, and the Council decided to postpone the matter until the next meeting on the motion of Mr. J. McDOWELL, seconded by Mr. J. MCGREGOR. THE SECRETARY pointed out that the Ministry of Home Affairs required the vacancy to be filled after the second meeting at which it had been declared vacant.

Use of Letters M.P.S.

Mr. JAMES DONAGHY raised the matter of chemists who were not members of the Society using the letters M.P.S. on their stationery and in signs on their premises, and thought it was time that the Council took some action in the matter. PROFESSOR SMALL was of the opinion that the matter should be put in the hands of the solicitor to the Society, and he moved that the solicitor be instructed to take the necessary steps against these chemists. Mr. DONAGHY seconded, and the matter was passed. Mr. JAMES McDOWELL suggested that a small advertisement should be put in the price list of the Ulster Chemists' Association warning these chemists that proceedings would be taken against them unless they became members of the Society. Mr. J. IRWIN seconded and the meeting agreed.

THE PRESIDENT asked if the Council had made any plans as regards the position of apprentices who were at present serving in

the Armed Forces and who still had part of their apprenticeship to finish. He thought the Council should look ahead in this matter and make plans accordingly. Mr. J. T. NICHOLL said that the secretary should get into communication with the Ministries of Labour and Home Affairs and get their views on the subject. The Council agreed to this but decided to postpone discussion on the question until they had further particulars from Mr. P. R. W. Shinner (president of the U.C.A.).

The following were elected members of the Society: Robert Ernest Courtenay, Culnagrew, Dungannon; Israel Miller, 63 Windmill Road, Bangor; Miss Eileen Nora McMichael, The Medical Hall, Ballycastle, and John Francis O'Brien, Loy Terrace, Cookstown.

Messrs. Charles Abernethy, J. T. Nicholl, J. E. Connor, J.P., W. C. Tate, J. McGregor, H. H. Cowzer, and J. Irwin were nominated to attend the Council examinations in December.

NEWTON TERCENTENARY

THE three-hundredth anniversary of the birth of Sir Isaac Newton is being celebrated in a manner which, if less ceremonial than it might have been if there had been no war in progress, nevertheless seems eminently appropriate. For, following negotiations between a committee of the Royal Society and the lord of the manor of Woolsthorpe-by-Colsterworth, near Grantham, the Lincolnshire village in which he was born, Newton's farmhouse birthplace has been acquired for the nation. Responsibility for finding the purchase money has been shouldered by the Pilgrim Trust, and steps have already been taken to maintain the historic property in good preservation. The announcement was made by Sir Henry Dale (President of the Royal Society) at a meeting of Fellows called to do honour to the great scientist of the seventeenth century on November 30. At the 208th annual meeting of the Society held earlier on the same day Sir Henry had been confirmed in the presidency, an office to which Sir Isaac Newton had been in his time elected for twenty-five successive years. It is worthy of note that the Soviet Academy of Sciences, in setting up a Newton Tercentenary Committee, is also doing honour to one whom Sir James Jeans described as "the concentrated embodiment of all the distinguishing characteristics of British science."

Newton's Greatness

The true stature of his genius is realised only by scientists themselves. It was represented by Professor E. N. da C. Andrada at the celebration meeting by analogy with an imaginary modern scientist who "had done the fundamental work of Einstein, Planck, Bohr and Schroedinger, and much of that of Rutherford, Alfred Fowler and Paschen, say, by 1930, and had then become a Governor of the Bank of

England, besides writing two Hibbert lectures and spending much of his time on physical research." Sir James Jeans, in a paper on "Newton and the Science of Today," echoed this with a statement that the science of everyday life is still wholly Newtonian.

Career in Brief

The actual date of Newton's birth was Christmas Day, 1642, and in the room in which he was born there is today a marble tablet on which is inscribed the couplet of Alexander Pope:—

Nature and Nature's laws lay hid
in Night
God said, Let Newton be, and all
was Light!

Newton's early schooling was at Grantham, from which he returned home while still in his teens to take charge at his mother's farm. Fortunately for humanity he "showed such incompetence as a farmer" that he was sent back to school, proceeding afterwards to Cambridge. Yet much of the structure of his theoretical discoveries was elaborated at his home, and the room which he used as a study is still to be seen. It was here that the idea of universal gravitation came to him in 1665. Newton's own conception of his place among scientists was modest. "I do not know what I may appear to the world, but to myself I seem to have been only like a boy playing on the sea-shore and diverting myself in now and then finding a smoother pebble or a prettier shell than ordinary, while the great ocean of truth lay all undiscovered before me." Yet it may be doubted whether, when the tercentenary of his death comes to be commemorated in eighty-four years' time, the consensus of opinion will differ radically from that of Voltaire at Newton's funeral: "If all the geniuses of the universe assembled, he should lead the band."

PERSONALITIES

DR. R. S. SWINTON, who went to the United States in 1901 to establish a manufacturing plant in that country for W. J. Ash & Co., retired from business recently.

MR. R. G. REES, son of Mr. D. A. Rees, P.S. (a director, D. A. Rees, Ltd., St. Pancras, and chairman, Unichem, Ltd., London; and a member, London Pharmaceutical Committee), was successful recently in examinations for the L.R.C.P., M.R.C.S. qualification and London M.B., B.S. degree.

MR. G. A. MALLINSON.—Shortly after giving a meeting in London of the Central Pharmaceutical War Committee, on November 27, Mr. Mallinson slipped off a kerb and, as a result of the fall, sustained a broken collar-bone. All sections of the drug trade will be glad to learn that Mr. Mallinson is progressing favourably at his home.

PILOT-OFFICER ADRIAN MAXWELL COOK, A.F., B.Pharm., Ph.C., 13 Westlands Road, Darlington, gained first place in the air navigator's examination at the R. Observers' School, London, Ontario, Canada, at which he received his training



Sergeant Cook at his graduation as air gunner

under the Commonwealth Joint Air Training Plan. Mr. Cook held the rank of sergeant at the time of graduating (see illustration). He was apprenticed in pharmacy with Mr. C. Oglethorpe, Victoria Road, Darlington, and studied at Nottingham and London Universities. He qualified as a chemist and druggist in 1938 and as pharmaceutical chemist the following year. He graduated B.Pharm., London, and gained also the Burroughs scholarship in chemistry in 1939.

MARRIAGES

MURPHY—O'BRIEN.—At St. Columba's Church, Iona Road, Dublin, recently, Seamus Murphy, M.P.S.I., Monaghan, to Patricia O'Brien, Glasnevin.

WALKER—WILKIE.—At Little Dunkeld Church, Perthshire, recently, Telegraphist-Air Gunner Ronald M. Walker, Fleet Air Arm, son of Mr. James Mathieson Walker, M.P.S., The Pharmacy, Dunkeld, to Jean Wilkie, Murthly.

DEATHS

BIFFIN.—Recently, Mr. Frank Biffin, M.P.S., 269 Brownhill Road, Catford, London, S.E.6, aged sixty-six.

BURNETT.—Recently, Mr. Charles John-son Burnett, chemist and druggist, 286 Kettering Road, Northampton, aged seventy-two.

LITTEN.—Recently, Mr. Henry Litten, chemist and druggist, Burnway, Hornchurch, formerly of Romford Road, Stratford, London, E.16, aged ninety-three.

OSWELL.—Recently, Mr. William Henry Oswald, chemist and druggist, West Bridgford, Nottingham, aged seventy-three. Mr. Oswald was for many years manager of the Burton-on-Trent branch of Boots, Ltd.

OXLEY.—Recently, Mr. Harry Oxley, chemist and druggist, formerly of Grays, Essex, aged sixty-five.

PATERSON.—At Glasgow, on November 26, Mr. Archibald Booth Paterson, M.P.S., Elder Street, Glasgow. Mr. Paterson passed the Minor examination in 1909.

RICE.—In Yorkshire, on November 21, as the result of a trench mortar explosion, Mr. Geoffrey Howard Rice, M.P.S., aged twenty-six. Mr. Rice served his apprenticeship with Thompson's Pharmacy, Regent's Park, London, N.W.1. He had further experience with Mr. R. H. Kerr, M.P.S., 442 Uxbridge Road, London, W.12, and Savory & Moore, Ltd., London, W.10. He left the last-mentioned when he joined the R.A.M.C. as a sergeant-dispenser. After eighteen months' service, impelled by a desire for more active service, he was taking his commission in the Royal Corps of Signals and was completing his O.T.C. training when he met his untimely end.

WILLIAMS.—Recently, Mr. Robert Williams, M.P.S., North Road, Caernarvon, aged seventy-three.



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ESTABLISHED 1859

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ulates throughout the Pharmaceutical, Chemical, Drug, Essential Oil, Perfumery, Cosmetic, Toilet Preparation and allied trades and Industries in Great Britain, Eire, British Empire, and foreign countries

Official organ of The Pharmaceutical Society of Great Britain, The Pharmaceutical Society of Northern Ireland, The Chemists' and Druggists' Society of London and of other Chemists' Societies in the Empire

LXXXVIII DECEMBER 5, 1942 NO. 3278

fact that goods made of raw materials short supply owing to war conditions are advertised in this paper or described in its editorial columns should not be taken as an indication that they are necessarily available for export.

The Development of C.F.

A report* of the seventh annual meeting of C.F. manufacturers (p. 576) indicates that another step in the development of C.F. policy has been taken. This time the decisions are of considerable importance to manufacturers and wholesalers concerned as well as to retail pharmacists who are supporters of C.F. and who will be required to implement the new policy indicated.

Before considering the "definitions" it would be made clear that they were first considered by the Council of the National Pharmaceutical Union and then passed to the C.F. Council, who duly gave them their approval. They were then referred to the C.F. manufacturers, who, in annual meeting on November 25, unanimously supported the scheme. So far as individual retail members of C.F. are concerned they were advised last February, when the question of renewal of their support of C.F. was before them, that hitherto the rules proposed on them had been something in the nature of a "gentleman's agreement" and was intended to introduce binding obligations. The terms of the new obligations, in so many words, were not indicated to retailers at the time they gave renewed

support to C.F. in the second month of this year, but it was generally understood that the position, which had been admittedly somewhat loose and not entirely satisfactory would be considerably tightened up.

Dealing with the definition laid down of "C.F. goods" (1) there is little to comment upon except to say that it may be considered somewhat narrow. For instance, it would appear not to cover a range of druggist sundries and toilet preparations. Some of the latter class of goods are border-line medical preparations and we assume that, although such products may not at present be on the C.F. list, they might be considered eligible.

The second obligation is divided into two parts. Although the offenders in the ranks of (a) may be comparatively very few, this rule is desirable and it should put an end to a practice which might increase beyond endurance as time went on. By supplying suburban general stores and sweet shops a retailer may certainly have been able to order quantities which gave him a bonus and, indirectly, a slightly larger turnover, but it created a leakage which has to be stopped if the C.F. scheme is to succeed. Our reading of this obligation is that it does not cover and prohibit the supply by C.F. retailers of non-C.F. goods to non-chemist retailers, although such business would be opposed to the spirit of C.F. Under (b) retailers are reminded they will be under contract to carry out the spirit of C.F. as well as the letter of its policy to use their influence with the lay public and the professions in support of C.F. products.

Display Obligation

Obligation No. 3 is the most important and one that is bound to create considerable and widespread interest, and, we have little doubt, a good deal of controversy. Retailers should make sure they fully understand and appreciate their position under this rule. It is assumed that every retail member of C.F. has display facilities, usually a shop window, counter and internal showcases. Taking (a) and (b) together, it will, as from January 1 next, be incumbent upon them to display to the fullest extent C.F. products of the character suitable to their business and the season of the year. Under (c) it

will be permissible to display only a single package of each size (maximum three packages), with price tickets, of non-C.F. proprietary medicinal products and surgical dressings alongside or with displays of C.F. goods of a similar character. It is also understood that this restriction on the display of non-C.F. proprietary products applies where there is no comparable C.F. line. Actually it imposes a prohibition on display (except one specimen package of each size, up to three packages) of proprietary products which are eligible for inclusion in the C.F. list but which are not included in that list. Neither may showcards or other advertising matter relating to such non-C.F. goods be on view for the purpose of attracting business. Briefly, this clause imposes an almost complete black-out of publicity of these goods by the retailer.

The fourth and final rule lays down the penalty to which retailers are liable for non-observance of the above obligations. Persistent breaches would be dealt with by the offender being put on a stop list for all C.F. goods.

A note at the end of the terms of the new C.F. retail policy states, in effect, that where retailers have "own name" proprietary medicinal preparations they will be permitted to display them on exactly the same terms as those applicable to C.F. goods. It should be noted that such "own name" packed goods may only be sold in accordance with obligation 2 (a).

The new retailing conditions constitute the boldest step yet taken to advance and consolidate the policy of C.F. By introducing this form of internal discipline in the trading activities of over 6,000 individual retail pharmacists the promoters of the scheme have given tangible evidence of their desire to provide C.F. manufacturers with an equitable contract. The time may be propitious for those manufacturers who have not so far seen their way clear to support C.F., but who are eligible for membership, to make a final decision on this point. The effect on the future of pharmacy of this new "pharmacy for the pharmacist" policy cannot be estimated. Its success or failure is bound to be reflected in post-war pharmaceutical legislation.

Dance of the (Dispensing) Hours

ACCORDING to our reports it is the practice in most National Health Committees' areas particularly during the winter months, for chemists' shops to close at the same time as other retail establishments in their neighbourhood, but, for the purpose of Insurance dispensing, a rota is instituted by which one pharmacy remains open for an extra hour. Chemists have generally found that if they can arrange such a scheme among themselves the Insurance Committee has been willing to accept modification of the hours stipulated on the dispensing contract. This system of rota has been greatly extended during war-time owing to the black-out resulting in the earlier closing of shops, since the experience of most retailers is that after black-out time business is negligible.

A Retrograde Step

A spirit of co-operation, as welcome as it is unusual, has been reported from Walsal (C. & D., November 28, p. 550), where after 5 p.m. the doctors have undertaken to supply sufficient medicine to enable the patients to carry on until chemists were available. At the same time this appears to be a retrograde step on the part of the chemists and contrary to the interests of pharmacy as a whole. It is useless for chemists to seek the whole of the dispensing for the population if, even before such a state of affairs is achieved, they retreat from the position they have already attained. To forgo their dispensing in this manner is to perpetuate the idea that pharmacy is the hand-maid of medicine and it is to be hoped that the Walsal chemists will reconsider the question of instituting a rota in some form in order to meet the insured person's requirements. If chemists do seriously want to be the nation's dispensers of medicine it is likely that the service must be available for longer not shorter hours—even to the extent of the whole twenty-four hours by a pharmacy—operated, perhaps, by the local Branch of the Pharmaceutical Society.

A contrast to the Walsall position is that of chemists in Bath. In this city chemists wanted to close earlier in order to

ry out the essential duties in the pharmacy in preparation for the next day's work—duties which could not be undertaken during business hours as heretofore owing to reductions in staff and other war-time difficulties. Rotas in some areas were tentatively arranged, but the plan was turned down by the Insurance Committee mainly through certain lay members contending that the public would suffer. It was argued that if man-power was short and work had increased then chemists would need to keep open longer hours. The argument is topsy-turvy, but serves to show that it is not yet realised that the man-power of pharmacy has at this point in the war been diminished nearly to the level of endangering the dispensing service to the country.

Compulsory Rotas

Pharmaceutical Committees should be fully acquainted with the feasibility of earlier closing in their own areas, and if they suspect that there is prejudice against chemists they should be prepared to carry the matter to higher authority. If the Central Pharmaceutical War Committee is not in a position to act in this matter, the Pharmaceutical Society or the National Pharmaceutical Union might take the matter up with the Minister of Health, for the hours of service under the Insurance Committees' contracts seem in need of revision. Chemists might well consider whether the medical and surgical appliances concession under the Shops Acts should not be modified so that pharmacies would close at stipulated hours and compulsory rotas or opening after shopping hours be instituted instead.

COMING EVENTS

Wednesday, December 9

LEEDS BRANCH, PHARMACEUTICAL SOCIETY, Metropole Hotel, Leeds, at 3 p.m. Address by Mr. G. R. Knox Mawer (a member of the Society's Council).

Thursday, December 10

PHARMACEUTICAL SOCIETY OF GREAT BRITAIN, Small Hall, Friends House, Euston Road, London, N.W.1, at 2.30 p.m. Mr. R. Melville, B.Sc., Ph.D., Ph.C. (Royal Botanic Gardens, Kew), on "Medicinal Indigenous Plants."

TRADE MARKS

(From "The Trade Marks Journal," November 4)

"VERADYNE"; for pharmaceutical substances (5). By British Schering, Ltd., 185-90 High Holborn, London, W.C.1. 619,763.

"DAIROZON"; for sterilising compounds (5). By B. Laporte, Ltd., Kingsway, Luton, Beds. 619,822.

"COMPLAXA"; for laxatives for human use (5). By Clinical Products, Ltd., 2 The Green, Richmond, Surrey. 620,108.

"DEXEDRINE"; for pharmaceutical preparations for human and veterinary use, sanitary substances, infants' and invalids' foods, surgical and medical plasters, bandaging material, teeth-stopping material, dental wax and disinfectants (5). By Smith, Kline & French Laboratories, 105 North Fifth Street, Philadelphia, U.S.A. 620,147.

"GLOMAX"; for medicated analgesic jelly for external application (5). By International Chemical Co., Ltd., Braydon Road, London, N.16. 620,164.

"FATHER O'FLYNN'S FAMOUS TONIC" with design of monk holding a wineglass, etc. ("Father O'Flynn's" disclaimed); for medicated tonic beverages (5). By Ferritone Products, 12 Cambridge Road, Newtown, St. Helens, Lancs. 620,175.

"BROJULAX"; for laxatives for human use (5). By Brook, Parker & Co., Ltd., Ashfield, Horton Road, Bradford. 620,184.

"TAMPOVAGAN"; for pharmaceutical substances (5). By Camden Chemical Co., Ltd., Northington House, Northington Street, London, W.C.1. 620,317.

"PHITERONES"; for tonic medicines for human use (5). By B. D. Swaabe, 132A Tottenham Court Road, London, W.1. 620,321.

"WOLVACAIN"; for anaesthetics (5). By Wolverhampton Chemical Co., Ltd., Two Gates, Maidenhead Court, Maidenhead, Berkshire. 620,438.

"KIBEEKI"; for insect-destroying preparations (5). By H. Gadiel, 66 Ashford Court, Ashford Road, Willesden Green, London, N.W.2. 620,439.

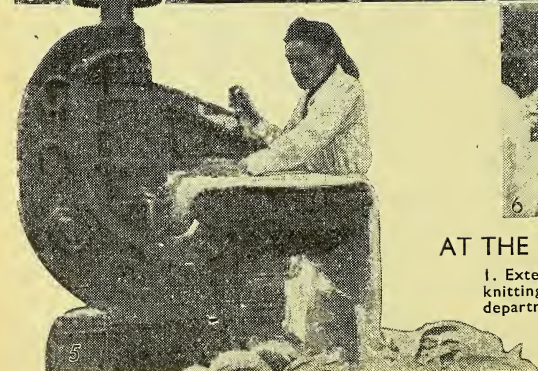
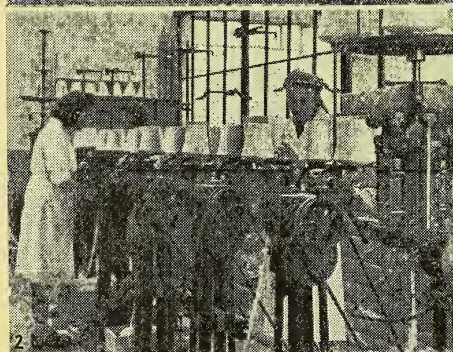
"STAR TOILET ROLL" with star device; for non-medicated toilet paper (16). By Superior Papers, Ltd., Bridge Works, Iver Lane, Cowley, Middlesex. 619,758.

"BLUE SKY" on design; for non-alcoholic beverages and preparations for making same (31). By Blue Sky Products, Ltd., 33 Rushworth Street, Blackfriars, London, S.E.1. 618,652 (Associated).

(From "The Trade Marks Journal," November 11)

"VULCASTAB"; for chemicals used in industry, science and photography (1). By I.C.I. (Dyestuffs), Ltd., Wexham Road, Slough, Bucks. 620,154 (Associated).

"NUFIX DRESSING FOR THE HAIR" on label design; for creams for dressing the hair (3). By Walden & Co. (Nufix), Ltd., Rookery Way, The Hyde, London, N.W.9. B619,867 (Associated).



AT THE LILMAR FACTORY IN DUBLIN

1. Exterior view of the factory. 2. Battery of gauze knitting machines for sanitary towels. 3. Packing department for groats and barley. 4. General view of the machine room. 5. Cutting material for powder puffs. 6. Finishing, wrapping and packing the puffs.

NEW INDUSTRY IN DUBLIN

Four years ago a Dublin pharmaceutical chemist attending a trade show in City noticed very few powder puffs were on display. When he made inquiries he was surprised to find they were not to be had, and that even if imported had to bear an import duty of 10 per cent. Back in his pharmacy this was a new industry. From his own stock he took a powder puff and ripped it to pieces: the making of good puffs in Ireland

could, he decided, be possible. Presently Eugene McMahon, M.P.S.I., Burgh Quay, was talking of his first off-manufacturing venture in a back room of his own pharmacy. As sole employees are two

Irish Dublin girls, Lillian and Marian, who have become first-rate machinists and puff makers; their two names were combined to give the Dublin-made puff its distinctive name Lilmar.

Company Formed

From these small beginnings has grown a project that has become one of Eire's leading drug trade industries, giving employment to over fifty people. The first puffs, made in the one-room Burgh Quay factory, sold well. They filled a market where a demand already existed, while the quality, finish, and pack were quickly appreciated. Within twelve months it was necessary to form a small company and move into larger premises at Pearse Street, Dublin. With a widely expanding business the founder wisely devoted himself to the manufacturing end and placed the distribution in the hands of Johnson Bros., the distributors, Great Ship Street. With the puff-making industry firmly established, Mr. MacMahon saw possibilities of still greater expansion, and the step was taken of inviting new capital and building a

modern factory on the outskirts of Dublin. In the original company Mr. MacMahon had the co-operation and support of another pharmacist, his brother, Mr. Francis MacMahon, M.P.S.I., Booterstown. In the new and enlarged Lilmar company Mr. MacMahon as managing director is associated with Mr. Michael Donnelly as chairman. Mr. Donnelly has had wide experience of production methods in the United States, and has applied these with excellent results

to the new Santry factory. The other directors are Mr. Eamonn Martin and Mr. Sean Fitzpatrick, both well known in Dublin.

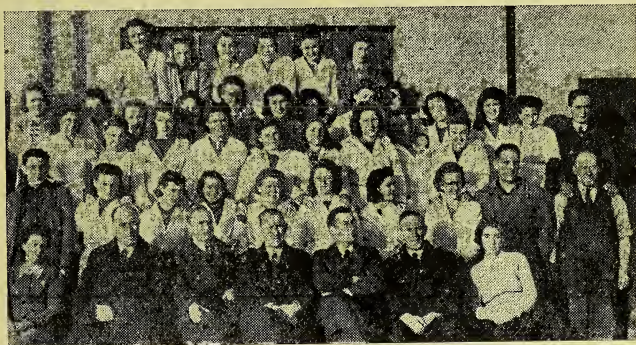
Factory Buildings

The site chosen for the new factory is

at Santry, some four miles from the city on the main Dublin-Belfast road. The lay-out is planned on labour-saving lines. The building houses a suite of offices with executive departments on the ground floor, with the principal warerooms and dispatch department overhead. The main factory, in which white-overalled girls work under ideal conditions, is admirably lighted both from overhead and from two sides, and includes cloakrooms and a well-equipped canteen.

Processes

The making of a velour puff in the factory is organised on series principles. From great bales of special cloth the puffs are stamped out on a cutting machine, wrong side out. From the cutter they pass to the machinists, by whom they are deftly stitched with special circular attachments. The stitched cloth discs pass to workers who turn the puff right side out, fill them with soft swansdown wool, and complete the sowing. Finally processes such as encasing in transparent sidac, making handkerchief puffs, and boxing in attractive cartons are



Directors and staff of the company. The directors (front-row, seated) are Messrs. Francis MacMahon, M.P.S.I.; Eamonn Martin, Michael Donnelly (chairman); Eugene McMahon, L.P.S.I. (managing); and Sean Fitzpatrick.

carried out by another batch of workers. The finished goods then pass to warerooms near by. In addition to puff-making the company is now turning out San-o-Tex sanitary towels, for which there is now a specially big market in Eire because imports are restricted. At one end of the factory is located an array of weaving machines on which the cotton yarn is woven into webbing for the pads.

The company has been able to secure large stocks of raw materials and is in a position to carry on uninterrupted manufacture for a considerable time to come. In premises flanking the factory proper is a well-equipped printing and carton-making department in which all containers for the firm's products are made and printed. The entire upper floors are

given over to the manufacture of Gordo prepared groats and barley. At one end the grain is milled from finest home-grown oats and barley. After milling, the groats and barley go through a special drying process, and tests are applied to ensure that the moisture present is well within limits necessary to ensure sound keeping qualities. Since the Santry factory has established large tracts of adjacent land have been acquired on which the grain, both groats and barley has been raised and harvested this season. This land ranked as some of the best grain-growing soil in county Dublin. Mr. MacMahon has abandoned his pharmacy to devote himself entirely to manufacturing, but the products of the company are to be found in pharmacies throughout Eire.

PARLIAMENTARY NEWS

Utility Toothbrushes.—Dr. Morgan asked the President of the Board of Trade on November 25 whether he would consider the advisability of marketing a utility toothbrush of good quality and durability, especially having regard to the poor specimens now available in the market. Mr. Dalton said he was already giving consideration to this matter.

Homœopathic Treatment.—Mr. MacLaren asked the Minister of Health on November 26 whether he would give an assurance that in any State medical scheme the interests of that section of the public, estimated at approximately 1,000,000 people, which preferred to be treated by doctors trained in homœopathic medicine, would be adequately safeguarded. The reply was that the institution of any new public medical service would require the approval of Parliament. The Minister could not undertake to forecast the character of any legislation the Government might bring forward.

Post-war Export Trade.—Dr. Russell Thomas asked the President of the Board of Trade on November 25 whether he had any information to give the House as to steps taken to examine the problem of post-war overseas trade. The Secretary, Department of Overseas Trade, replied that the Government had for some time been actively engaged upon a comprehensive study of post-war economic and commercial policy. The special problems of export trade had been under detailed investigation since December 1941 by a

committee of business men and officials under his chairmanship.

Plight of Small Shopkeepers.—Mr. De la Bère asked the President of the Board of Trade on November 24 whether, in face of reviews carried out by certain chambers of trade, revealing the plight of small shopkeepers, especially those whose turnover was between £1,000 and £5,000 a year, he could state what additional proposals the Government intended to make to prevent the further closing down of old-established small businesses.

Mr. Dalton: I am not aware of any recent reviews... but I am keeping in close touch with the National Chamber of Trade. The proposals which I announced in the House on October 13 should be of material assistance to small shopkeepers, and I am now anxious fully to try them out.

Mr. De la Bère: Surely, the right hon. Gentleman must be aware that comprehensive reviews have been made by various chambers of trade throughout the country and further, that these disclose that little men and little women engaged in trade with a small turnover before the war are being exterminated and eliminated daily and will he really give the matter further consideration?

Mr. Dalton: I have already stated that I am in very close touch with representatives of the National Chamber of Trade who will no doubt bring to me the information that comes to them from chambers of trade locally.

CAUSTIC LYE IN SOAP MANUFACTURE

The subject of preparing caustic lye for the manufacture of soap has not, perhaps, been the amount of research it would appear warrant, probably because the availability of large stocks of soda-ash has freed manufacturers from the need to study the problem. One result of the increased demand at present for preparations for sterilising drinking water and decontaminating gases, however, has been that much larger quantities of bleaching powder, pchlorite, and other chlorine-containing preparations are required.

Sodium Chloride as Starting-point

Recognising this demand, one soap manufacturer installed a small electrolytic plant to provide a regular source of both caustic lye and chlorine. Hence, instead of being dependent upon supplies of soda-ash, he is now in a position to make use of unlimited supplies of common salt. This indicated a certain departure from regular soap-making practice, but the measure of independence gained will be appreciated. Modern electrolytic cells are compactly constructed, an example being the Vorce cell, which can be operated at from 600 to 500 amperes (normal rating 1,000), at an average voltage of 3.6 per cell. The cell is fed continuously with a solution of sodium chloride, and operates without requiring attention, giving up to 78 lb. of sodium hydroxide per twenty-four hours at normal current rating. As the size of each cylindrical cell is only approximately 3 ft. in height, by 1½ ft. in diameter, the small space requirements will be recognised. Against this, the liquor has to be evaporated to separate out undecomposed salt. Still, the system is easily the most economical method of preparing caustic lye and is a paying proposition even if the chlorine evolved is not utilised. Previously, the need for a generator set to supply direct current did much to deter interest, but today improved rectifiers can be linked up with the alternating current supply to operate continuously without requiring attention.

Continuous Automatic Causticising

The causticising of soda-ash with lime has itself been improved recently by the introduction of a more systematic plant layout. The preparation of slaked lime, or milk of lime from unslaked lump lime, has been given little practical attention, and slow and primitive methods have been

allowed to survive. Troubles with the resulting caustic lye can often be traced to defective milk-of-lime preparation, either from foreign matter contained in it or from the presence of unslaked or undissolved lime particles. Good quality milk of lime is an indispensable prerequisite, whether the production has to be carried out intermittently or continuously. It is important to speed up chemical action by mechanical means in the slaking and dissolving processes, and to separate insoluble admixtures and undissolved lime particles from the liquid product. This necessitates a method that combines absolute homogeneity in the milk of lime and a positive subsequent straining process, and is carried out automatically. Only thoroughly pre-slaked and pre-dissolved lime is treated in the dissolving and emulsifying chamber of the apparatus. In some instances the coarse, unfinished product is separated from the milk of lime and returned to a mill adjoining the feed. Although the method was capable of producing 2½ tons of sodium hydroxide daily, it was recognised that this yield could be materially increased.

Apparatus Used

The apparatus required to give the increased yield that is sought after resembles the equipment employed in mining, involving the use of miniature agitators, thickeners, digesters, and reaction chambers, in which the lime and soda-ash are dealt with simultaneously. In the event of the plant having to be closed down at any time, provision is made in the mechanical design of the arms so that they cannot get stuck and so obstruct easy re-starting. The operation takes place preferably at 95° C. The mixture flows from the agitators to thickeners, in which the continuous separation of the caustic lye is carried out. Thickened lime-mud from the bottom of one thickener is transferred to the top of another by means of a diaphragm pump with an adjustable eccentric to suit the length of the stroke. The density of under-flow from the thickener is controlled by number of strokes per minute, by length of stroke, and by admitting air to the bowl compartment of the pump. Success in this work has been in no small measure due to the accurate functioning of the pump, which has to handle thick hot mud, but in practice it is found that the only attention required is an occasional change of diaphragm.—A. G. A.

TRADE REPORT

Spot quotations for pharmaceutical chemicals, crude drugs and essential oils represent the prices for wholesale quantities of standard quality. C.i.f. quotations do not include marine war risk insurance and other abnormal charges payable in the present emergency.

28 Essex Street, W.C.2, December 2

THE steady tone prevailing during recent weeks throughout most markets has continued over the past few days and prices are being fully maintained. Most of the business is coming from the home consuming trades and dealers are generally able to satisfy the requirements of these customers. Among the PHARMACEUTICAL CHEMICALS the only item of importance is an advance in GALLIC ACID with a corresponding increase (announced last week) in PYROGALLIC ACID.

Crude Drugs

The general tone in this section continues steady. Few changes in prices, either in or against buyers' favour, are recorded and business as a whole shows little improvement. There is no doubt, however, that if better stocks of some items were available a much larger turnover could be achieved. The Botanical Drug Importers' Section of the London Chamber of Commerce, who are acting as agents for the Ministry of Supply in the distribution of crude botanical drugs, announce that they will shortly be distributing to consumers through the usual channels a quantity of Russian LIQUORICE ROOT, HENBANE and BUCKTHORN BARK for pharmaceutical purposes for home consumption. Merchants who before the war imported these drugs from any source (i.e. who ordered directly from a foreign shipper and remitted payment direct to him) will be entitled to apply for membership of the Section and to participate in the distribution. Such firms are invited to communicate with the Chamber at 69 Cannon Street, London, E.C.4. Wholesale druggists who, during the years 1936, 1937 and 1938, imported as defined above the drugs direct from any source for manufacturing purposes will also be entitled to receive an allocation through the Section on the basis of these importations, and if they are not members of the Wholesale Drug Trade Association they also should communicate with the Chamber for further information. Those who are members of the Association have already been notified to communicate with that body. Offers of odd bales of AGAR from outside sources are reported but prices seem to be higher

than those quoted by regular dealers. A fair inquiry is noted for Curaçao ALOES but the price mentioned appears to be unattractive to buyers. Supplies of ANTIMONY are stated to be adequate for essential requirements. Very little demand has again been received for ERGOT. Prices indicated by the Ministry of Food for Sierra Leone GINGER are given. GUM ACACIA remains quiet with no quotable change in price. IPECACUANHA is firm and there are no forward offers of either variety. A big demand is noted for MENTHOL. SEEDS of ANISE remain quiet with only one price change—costing 10 shilling per cwt. less for Indian CORIANDRUM. An announcement regarding the formation of a Shellac Distributing Agency formed to handle the distribution to actual users of such supplies as may be released by the Ministry of Supply will be found in the advertisement pages of this issue. Particulars are given of those persons or firms eligible to apply for membership of the agency and intending members should apply for membership, not later than December 15, to Mr. E. D. Perrin, Secretary, London Shellac Trade Association, 24 Fenchurch Street, London, E.C.3.

Essential Oils

The turnover in essential oils has again been small and no important price changes have occurred. ANISE (STAR) remains quiet but supplies are not easy to locate. It may still be possible to obtain an odd drum or two of WHITE CAMPHOR on spot. English distillers of CLOVE are quoting at unchanged prices. EUCALYPTI are scarce but prices have not advanced. PEPPERMINT remains in good inquiry at high prices are being asked. The Ministry of Food announces that there will be a change in the existing prices of OILS and FATS allocated to primary wholesalers and large trade users for the five weeks ending January 2, 1943.

Exchange Rates on London

At the opening on December 2 the principal Bank of England fixed rates were: New York 4.03 dollars; Montreal, 4.45 dollars; Buenos Aires, 17.02 paper pesos; Netherlands West Indies, 7.60 florins; Lisbon 100 escudos; Zurich, 17.35 francs; Stockholm, 16.90 kronor. The Chinese National dollar is valued at 35½ and Madrid pesetas are at 40.50 to the £.

Pharmaceutical Chemicals

ACETANILIDE.—B.P.C. crystals may be had
es. 5d. per lb.; powder, one penny per lb.
ra.

ALOBARBITONE.—Makers continue to quote
about 60s. per lb.

AMPHETAMINE.—Makers' price remains at
ut 160s. per lb.

ASPIRIN.—In fair demand at unchanged
es. Current rates per lb. in quantities of
cwt. are as follows (containers in brackets):

1½d. (28-lb.); 3s. 2d. (14-lb.); 3s. 2½d.
b.); 3s. 2¾d. (4-lb.); 3s. 4¾d. (1-lb.).

OLETS.—Under 5,000, 3s. 5d.; 5,000, 3s. 3d.;
000, 3s. 2d.; 25,000, 3s.; 50,000, 2s. 11d.;
00,000, 2s. 10d.; 250,000, 2s. 9½d.; 500,000,
9d.; 1,000,000, 2s. 8d.; 2,000,000, 2s. 7d.
1,000.

BENZOIC ACID.—Supplies are available for
ential pharmaceutical and medicinal pur-
es. Makers' prices are from 2s. 6d. to 3s.
lb., according to quantity.

BISMUTH SALTS.—Makers' prices are un-
anged as follows (prices per lb. in one-cwt.
s): CARBONATE, 8s. 4d.; SALICYLATE, 8s. 9d.;
EGALLATE, 10s. 6d.; SUBNITRATE, 7s. 3d.

BORIC ACID.—Makers' prices per ton are as
lows: B.P., granulated, £60 15s.; crystal,
t 15s.; powder, £62 15s. Packed in one-cwt.
gs, delivered carriage paid Great Britain, in
-ton lots and upwards.

BROMIDES.—Current schedule of makers'
ces was given last week (p. 563).

COCAINE.—British makers' current wholesale
ces are as follows: HYDROCHLORIDE and
TRATE, 25 oz. and over, 35s. 8d.; 16 oz. and
s than 25 oz., 36s. 10d.; over 8 oz. and less
an 16 oz., 38s. per oz. ALKALOID, CITRATE,
d SALICYLATE, 25 oz. and over, 39s. 1d.;
oz. and less than 25 oz., 40s. 4d.; over 8 oz.
d less than 16 oz., 41s. 7d. per oz., 16-oz.
ckages free, smaller packing extra. The scale
prices applicable to distributors of smaller
antities is as follows: HYDROCHLORIDE and
TRATE, 8 oz., 40s.; 4 oz. and less than 7 oz.,
s. 7d.; 2 oz. and less than 4 oz., 41s. 6d.;
oz. and less than 2 oz., 42s. 7d.; ½ oz. and
s than 1 oz., 44s. 2d.; ¼ oz. and less than
oz., 47s. 3d. per oz. ALKALOID, CITRATE and
LICYLATE, 8 oz., 43s. 5d.; 4 oz., and less than
oz., 44s.; 2 oz. and less than 4 oz., 44s. 11d.;
oz. and less than 2 oz., 46s. 2d.; ½ oz. and less
an 1 oz., 47s. 9d.; ¼ oz. and less than ½ oz.,
s. 10d. per oz., packages extra. Re-sale:
ales are subject to buyer's undertaking not to
-sell any quantity below scale current at time
re-sale. Export prices vary according to
estination.

CODEINE.—Prices are unchanged from those
entioned last week (p. 563).

ETHERS (METHYLATED).—Makers' prices per
o, for winchester quarts are as follows: 0.750,
s. 5½d.; 0.735, 1s. 5¾d.; 0.730, 1s. 5¼d.;
725, 1s. 7¾d.; 0.725 (triply rectified), 2s. 0¼d.;
720, 1s. 8¾d.; 0.717, 2s. 2¾d.; 0.720 (B.P.,
ot for anaesthesia), 1s. 10d.

GALLIC ACID.—Prices have been advanced to
about 7s. 9d. to 8s. per lb. for moderate quanti-
ties. Larger quantities would be a shade lower.
Increased prices for PYROGALLIC ACID were
notified last week (p. 563).

GLYCERIN.—Prices for small quantities are
unchanged as follows: 1-cwt. drum, 86s. per
cwt.; 56-lb. tin, 94s.; 14-lb. tin, 100s. per cwt.
Subject to discount of 2½ per cent., twenty-
eight days.

GUAIACOLS.—In fair supply at about 13s. to
14s. per lb. for CRYSTALS and CARBONATE.
Some LIQUID is also stated to be available at
from 14s. to 15s. per lb.

HEXAMINE.—Free-running crystals, in cwt.
lots, about 2s. 3d. per lb.; fine crystals, about
threepence per lb. less.

MERCURY IODIDES.—Makers' prices per lb.
are steady as follows: RED, less than 7 lb.,
20s. 8d.; not less than 7 lb., 20s. 2d.; not less
than 14 lb., 19s. 8d. GREEN, less than 7 lb.,
26s. 8d.; not less than 7 lb., 26s. 2d.; not less
than 14 lb., 25s. 8d. YELLOW, less than 7 lb.,
28s. 1d.; not less than 7 lb., 27s. 7d.; not less
than 14 lb., 27s. 1d. net, carriage paid.

PHENOLPHTHALEIN.—Makers quote as fol-
lows: Less than 7 lb., 4s. 6d. per lb.; 7 lb.,
4s. 5d.; 14 lb., 4s. 4d.; 28 lb., 4s. 3d.; 1 cwt.,
4s. 2d. Prices net.

PILOCARPINE.—Makers' current prices per
oz., in 4-oz. lots, are as follows: BASE, 26s. 6d.;
HYDROCHLORIDE, 20s. 9d.; NITRATE, 18s.

SALICYLIC ACID (B.P.).—Makers' prices were
recently advanced by one penny per lb. :—

In containers of	1 lb.	4 lb.	7 lb.	14 lb.	28 lb.
	s. d.	s. d.	s. d.	s. d.	s. d.
Under 4 lb.	2 9½	—	—	—	—
From 4 lb. . .	2 8½	2 6½	—	—	—
From 7 lb. . .	2 7½	2 5½	2 5½	—	—
From 14 lb. .	2 6½	2 4½	2 4½	2 4	—
28 lb.—1 cwt.	2 5½	2 3½	2 3½	2 3	2 2½
1-5 cwt. . .	2 1½	1 11½	1 11½	1 11*	1 10½

* 8×14 lb. and upwards, in one delivery, ½d. per lb.
less. Prices include parcels or collapsible cartons; other
packages charged extra. Prices subject to buyer's un-
dertaking not to re-sell any quantities at prices or terms
below scale current at time of re-sale.

SANTONIN.—No alteration in home-trade
prices: 15 kilos and over, £46 10s.; not less
than 10 kilos, £47 5s.; not less than 5 kilos,
£48 5s.; less than 5 kilos, £50 per kilo, delivered
free in the U.K.; 1-kilo packages free.

SODIUM SALICYLATE.—Makers' prices for
quantities of one cwt. are as follows (containers
in brackets): 2s. 3d. (28-lb.); 2s. 3½d. (14-lb.);
2s. 3¾d. (7-lb.); 2s. 4¼d. (4-lb.); 2s. 6d. (1-lb.).

TANNIC ACID.—In restricted supply at about
7s. 6d. per lb.

TERPINEOL.—For medicinal use, 3s. 6d. to
4s. per lb., according to quantity.

VANILLIN.—Unchanged. Ex clove oil or
guaiacol, five cwt., 22s. 6d. per lb.; one cwt.,
22s. 9d.; 56 lb., 23s.; less than 56 lb., 23s. 3d.;
carriage paid in the United Kingdom.

Crude Drugs

AGAR.—Some business is apparently still being done in Kobe No. 1 for bacteriological use. Offers of odd bales from outside sources are reported, but these holders' ideas seem to be higher than those of the regular dealers.

ALOES.—Fair inquiry continues for Curaçao, but the price of 450s. per cwt., c.i.f., appears to be unattractive to buyers. Cape is quoted at 65s. to 67s. 6d. per cwt. on spot, according to seller and quality.

ANTIMONY.—No changes have occurred during the week. Supplies are adequate for essential purposes at the following prices: English, minimum 99 per cent. regulus, £120 per ton, delivered; 70 per cent. crude, for the home trade, £100 per ton, delivered.

BALSAMS.—All varieties are at the levels recorded last week. *Tolu*, softish, spot, 9s. 9d. per lb.; *Canada*, in restricted supply, 8s. 9d. per lb.; *Peru*, 8s. 3d. per lb.; *Copaiba*, B.P., unobtainable.

BELLADONNA.—Indian leaf, afloat, is offered at 4s. 9d. per lb. Root testing 0.52 per cent. alkaloids would be worth 470s. per cwt. on spot.

BENZOIN.—Demand is sustained, and spot business continues in ordinary grade at from £17 to £25 per cwt., according to holder and quality. Free almondy, spot, unchanged at £33 to £35 per cwt.

BUCHU.—Fair green rounds, steady on spot at 6s. 3d. per lb., but supplies are meagre. A few bales of ovals may be available at 5s. 9d. per lb.

CALUMBA ROOT.—Small supplies are offered on spot at 210s. per cwt.

CAMPHOR.—No change has occurred in the prices of natural grades, and business is quiet. Values are as follows: Chinese, B.P., spot, 11s. 6d. per lb.; crude (92 per cent.), 10s.; Japanese slabs, 12s. Supplies of English synthetic, B.P., are understood to be available to approved buyers at 7s. 6d. per lb.

CARDAMOMS.—Aleppy green, on spot, 5s. 6d. per lb.; shipment, 5s. 3d. per lb., c.i.f. Aleppy seed, on spot, 6s.; shipment, 5s. 9d., c.i.f. Spot value of split seed remains at 4s. 9d. per lb.

CHILLIES.—Zanzibar and Mombasa, spot, 125s. per cwt.; Sierra Leone, 120s., all sellers.

CLOVES.—Zanzibar, valued on spot at 1s. 6d. per lb.; Madagascar is unquoted.

COCOA BUTTER.—The maximum price under Ministry of Food Order is 1s. 5½d. per lb., ex factory or warehouse, except when sold under licence.

COCONUT (DESICCATED).—No change has taken place in the Ministry of Food controlled price of 49s. per cwt.

DANDELION ROOT.—Indian root on spot shows no change at 140s. per cwt., but supplies are depleted.

DIGITALIS LEAVES.—Good-testing Portuguese on spot, 125s. per cwt. Some Indian off-colour offered on spot at 120s. per cwt. English leaves, business done on spot at 2s. 4d. per lb.

DRAGON'S BLOOD.—Dull Zanzibar drop continues to be quoted at £21 per cwt., and second lump at £30. Stocks of re-boiled are exhausted.

ERGOT.—Poor demand; values unchanged. Spot, old-crop, 5s. 3d. to 5s. 6d. per lb.; new crop, 5s. 6d. to 5s. 9d.; shipment, Portuguese 5s. to 5s. 3d. per lb., c.i.f.

GALANGAL.—Spot, from 90s. to 95s. per cwt. according to quantity.

GINGER.—As noted last week (p. 564) Ministry of Food has now allocated small supplies, but no prices will be imposed. Prices indicated by the Ministry for Sierra Leone ginger, sold to second-hand distributors, are as follows: Natural, 90s. per cwt.; bleached, 110 per cwt.; ground, 127s. per cwt.

A preliminary report on the ginger crop in the Bombay province ("Indian Trade Journal," August 27) states that the crop is grown to some extent in Gujarat and Thana district and to a very limited extent in the Madras district. Sowing of the crop was carried out from the end of May to the middle of June. Germination satisfactory and further growth is fairly good.

GUM ACACIA.—Market quiet; values unchanged. Kordofan cleaned sorts, spot, 90s. per cwt.; afloat, 90s., landed terms; shipment, 65s. per cwt., c.i.f. Some bleached is still available to consuming manufacturers at 110 per cwt., ex warehouse London.

IPECACUANHA.—Firm conditions continue. Matto Grosso, spot from 18s. 6d. to 19s. per lb., is being quoted, according to holder. Minas B.P., 14s. 3d. per lb.; just under B.P., 14s. 1d. per lb., or lower, according to test. There are forward offers of either variety. Current prices for EXT. IPECAC. LIQ., in winches and quarts, are as follows: B.P., 1932, under three, 26s. per lb.; three and under six, 25s. 6d. per lb.; six and under twelve, 25s.; twelve and over, 24s. 6d. per lb. B.P., 1914, under three, 24s. 6d. per lb.; three and under six, 23s. 6d.; six and under twelve, 23s.; twelve and over, 22s. 6d. per lb. all prices net.

JABORANDI.—Offered on spot at 60s. per cwt., ex store.

LIQUORICE ROOT.—East Indian, spot, 70s. 75s. per cwt., according to seller; South African, 75s. per cwt.

MENTHOL.—Demand has been rather meagre, and some business has been done on spot at 72s. 6d. to 75s. per lb., according to seller. Small supplies of Japanese are stated to be available at 75s.

MERCURY.—Full particulars of current official prices, which range from £68 10s. to £69 10s. per bottle for quantities over 7 lb., were given in the C. & D., August 1, p. 131.

MYRRH.—Fair demand for Aden sorts, spot price of which is fully £18 per cwt.

PEPPERS.—Maximum official price of whole white Muntok, not picked over or cleaned, 8d. per lb. in bond; whole black Lampung of similar grade, 5d. per lb., in bond.

PIMENTO.—Spot price remains steady at 7s. 7d. per lb., sellers; shipment prices are higher, quoted.

QUILLAIA BARK.—Natural, afloat, 80s. per cwt., c.i.f.; crushed or cut, spot, 115s. per cwt.

RHUBARB.—Quite a good demand has been received, and some spot business is passing at 9d. per lb. for good-quality rough-round, and 6d. per lb. for slightly inferior material. Odd cels of Shensi may still be had on spot at 6d. to 10s. per lb.

SAPONIN.—Spot, 7s. 6d. per lb., ex store Liverpool; shipment, 6s. 6d. per lb., c.i.f.

SARSAPARILLA.—One or two odd bales of native red may be had on spot at 3s. 4d. per lb.

SEEDS.—Markets quiet, with little change on the week. Indian CORIANDER is easier. ANISE.—No supplies. CANARY.—None available. CARAWAY.—No supplies. CORIANDER.—Indian, 10s. per cwt.; sellers; English, quoted at 220s. per cwt.—Malta, 160s., duty free; Indian, 150s. per cwt.—Spot, quoted at 190s. FENNEL.—Indian, 10s., value. FENUGREEK.—A few bags at 130s. per cwt. MUSTARD.—A table of maximum prices contained in the Mustard Seed (Control and Maximum Prices) Order, 1942, was given last week (p. 564).

SENEGA.—Offers are difficult to obtain from regular dealers. A few odd bales may be available, however, but the price would be 11d. per lb.

SENNA.—Business quiet, but steady. Good and-picked Tinnevely pods can be bought at 10d. to 1s. 2d. per lb.; ordinary grade could be 10d. to 11d.; and f.a.q., 6d. to 7½d. and-picked Alexandrian pods, from 3s. 6d. to 6s. per lb., according to quality. Leaves are offered as follows: Leaves: Tinnevely No. 1, 11d. to 10d. per lb.; No. 2, 7d. to 7½d.; No. 3, 11d. to 6d.; Alexandrian, broken, 1s. 3d. to 11d. per lb.

SHELLAC.—Market inactive, with values repeated. Spot, standard TN orange, 205s. per cwt., value; pure button, unquoted; fine orange, 240s. to 290s. per cwt., quoted. Formation of a Shellac Distributing Agency to handle distribution to actual users is announced in the advertisement pages of this issue.

SLIPPERY ELM BARK.—Price to users of Lease-end material is 1s. 6d. per lb., ex store. Most of it is understood to have been distributed.

TRAGACANTH.—Market firm, with some medium grades again slightly dearer. Current quotations are as follows: No. 1, white, £120; No. 2, white, £105; No. 3, white, £95; No. 4, white, £77; pale leaf, £70; amber leaf, £62; red-and-brown leaf, £38; red leaf, from £33; roody and hoggy, from £17, ex store.

TURMERIC.—Little interest is being taken, and prices are steady at the lower levels noted last week: Madras, sound-quality, spot, 62s. 6d. per cwt.; wormy, spot, 60s.

WAXES.—BEES'.—Supplies are obtainable, but only by application through members of the Association of Merchant Distributors of Beeswax. CARNAUBA.—Quiet conditions obtain; fatty grey, 480s. per cwt.; chalky grey, 65s.; Primeira, 560s.

Essential and Expressed Oils

ANISE (STAR).—Genuine Red Ship oil remains in good demand, but supplies are difficult to find. Dealers' prices are unchanged at from 54s. to 55s. per lb.

BAY.—Small supplies on spot would be worth from 12s. to 13s. per lb.

CAMPHOR (WHITE).—It may be possible to find an odd drum or two on spot at about 600s. per cwt.

CANANGA.—In restricted supply. Spot, between 60s. and 70s. per lb., according to quantity.

CASTOR.—Prices are controlled, as follows: Firsts, £60; seconds, £58 per ton, both naked ex works.

CEDARWOOD.—Spot, nominal at 6s. 6d. per lb.

CINNAMON LEAF.—From 15s. to 15s. 6d. per lb. would be wanted for moderate quantities on spot.

CLOVE.—English distillers are quoting at about 14s. per lb.

COTTONSEED.—Controlled price is unchanged at £49 per ton, naked ex works.

EUCALYPTUS.—Any available spot supplies would fetch about 5s. 6d. per lb.

GERANIUM.—About 80s. per lb. would be the basic price of any available supplies, but the precise figure would have to be negotiated.

PEPPERMINT.—All grades are in good demand. A few odd cases of Chinese may be available on spot at about 92s. per lb., and there are reports of Japanese being offered for January delivery at 91s. 6d. per lb.

PETITGRAIN.—Any available spot supplies would be worth from 22s. 6d. to 24s. per lb.

ROSEMARY.—Spot price would be in the region of 16s. per lb.

SASSAFRAS.—Obtainable on spot at from 18s. to 19s. per lb., according to quantity.

SPIKE.—Spot price would be in the region of 27s. 6d. to 30s. per lb.

THYME.—High-quality oil is unchanged on spot at 25s. per lb., but other grades would be cheaper.

Synthetics and Isolates.—Supplies continue very limited and in some cases they are not available for non-essential uses. Difficulty may be experienced in obtaining supplies for perfumery purposes. AMYL ACETATE.—Pure, about 130s. per cwt.; technical, 109s. per cwt.; small quantities, up to 2s. per lb. AMYL CINNAMIC ALDEHYDE.—About 25s. per lb. AMYL SALICYLATE.—About 5s. per lb. BROMSTYROL.—100 per cent., 22s. per lb. CINNAMIC ALDEHYDE.—Quoted at about 7s. 6d. to 8s. per lb. CITRAL.—Chemically pure, 70s. per lb. CITRONELLAL.—About 40s. per lb. CITRONELLOL.—About 45s. per lb. COUMARIN.—17s. 6d. per lb. ETHYL PHTHALATE.—No quotations. EUCALYPTOL.—About 13s. per lb. EUGENOL.—About 23s. 6d. per lb. GERANIOL.—Ex Java, about 60s. per lb. GERANYL ACETATE.—About 65s. per lb. IONONE.—100 per cent., about 80s. lb.

CORRESPONDENCE

Correspondents may adopt an assumed name, but must in all cases furnish their real name and address to the Editor

Recognising the Unregistered

SIR,—I do not wish to encroach unduly upon your time and valuable space but may I ask "No Status" (*C. & D.*, November 28, p. 566) why he did not avail himself of the Government grant which was there for the asking for any ex-Service man of the 1914-18 upheaval, whereby he could have continued his studies (presumably interrupted)? Does this opportunity wasted not bolster up my contention that with determination these persons could have reached the desired goal?

Yours faithfully,
FACTS.

SIR,—I am much interested in "Don R's" suggestion as to some sort of recognition for those who, like myself, are unqualified but have spent the best years of their life dispensing, and have been fully trained under a qualified chemist, but through unforeseen circumstances were not able to continue their studies. Bearing in mind that some of our greatest contributors to medicine, science, etc., had no qualifications, it seems hard that these good and tried men should have no sort of recognition or standing, and I would willingly do anything I can to help an organisation such as "Don R." speaks of.—Yours faithfully,

REVILO.

SIR,—The claim for recognition of the unregistered crops up periodically. I remember it first more than thirty years ago. What do the unregistered want? Do they want to be put on the Register with all the privileges of those who spent years of study, and the passing of examinations, to say nothing of the expense? Do they suggest a board should be set up to examine their fitness for recognition or are their employers to be the sole judges? How many years do they deem necessary, five, ten or twenty? Whatever time is stated, will not meet with the demands of all concerned. I think "Facts" (*C. & D.*, November 28, p. 566) sums up the situation—"these persons have had ample opportunity, granted the determination, etc." Hundreds like myself have done so and countless more will continue to do so. I would remind "Don R" (*C. & D.*, November 21, p. 540) that the unqualified

dental practitioners were allowed to register because they were in business before the passing of the Act. The same privilege was granted to those practising pharmacy before the passing of the Pharmacy Act. Now there is only one way to enter the dental profession, by examination. Pharmacists have experienced the whittling down of many of their privileges in the past. Are we to lose the last vestige by the influx of those who have not proved themselves fit by the recognised examination?

Yours faithfully,

ELA.

[Pressure on our space will not permit the publication of further correspondence on this subject.—EDITOR.]

MISCELLANEOUS INQUIRIES

Trichlorethylene.—*B. B. P.*—This is not a poison within the meaning of the Pharmacy and Poisons Act or the Poisons Rules so that you are not compelled to pack the dry cleaner in a ribbed container, nor do we see any objection to the warning notice you propose to use on the label.

Purchase Tax.—*H. H. L.*—We suggest you get a copy of Notice No. 77 from your local Inspector of the Customs and Excise. This gives considerable guidance on the points you raise and in addition states "in the case of a manufacturing retailer any retail sales of goods not manufactured by him must be disregarded in determining whether that limit (i.e. £500) is exceeded. It would be advisable to keep below the £500 mark, as registration as a manufacturer may involve other difficulties besides that of keeping records for purchase tax purposes."

Labels.—*G. D.*—These do not indicate a proprietary designation. There is a further point that the cod liver oil emulsion label is not strictly in accordance with the title used in the B.P.C., nor is there an indication of disclosure of the formula. In the case of the chest and lung mixture, we think the formula is not disclosed in a satisfactory manner. Part is in English and part in Latin, while the abbreviations used are not official ones; for example, "Glyc." should read "Glycer.," and "Chlor." should read "Chlorof." Should you decide to use a brand name in connexion with proprietary preparations, we would call your attention to the restriction on the number of B.P. or B.P.C. preparations, which can be so branded for sale by the unqualified.

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PYLUMBRIN Ampoules of 3 c.c. and 20 c.c.	Diodone	Contrast agent for X-ray examination of renal pelvis, ureter, bladder.
HEXANASTAB Ampoules of 0.5 gm. and 1 gm.	Hexobarbitone Soluble	Intravenous anaesthetic.
HEXANASTAB — ORAL Tablets of 0.25 gm. 4 gr. (approx.)	Hexobarbitone	Rapidly excreted hypnotic.
URUMBRIN Ampoules of 3 c.c. and 20 c.c.	Iodoxyl	Contrast agent for X-ray examination of renal pelvis, ureter, bladder.
AZOSOL Ampoules of 2 c.c.	Hexazole	Shock (convulsive) treatment of schizophrenia.
PHRENAZOL Ampoules of 1 c.c., 3 c.c., 5 c.c. and 25 c.c., R.C. Vial. For oral administration $\frac{1}{2}$ fl. oz. Botts. and Tablets of 0.1 gm.	Leptazol	Shock (convulsive) treatment of schizophrenia and cardiac and respiratory stimulant.
PHOLETONE Ampoules of 1 c.c.	Pholedrine	Cardiac and respiratory stimulant.

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* "Lancet," 1942. p. 301

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Each fluid drachm contains:

Ephedrin. Hydrochlor. $\frac{1}{4}$ gr.

Sodii Iodid. 2 grs.

Caffedrin (Duncan) is recommended as a Cardiac and Respiratory Tonic, and is indicated in cases of Asthma, Chronic Bronchitis, etc.

A pleasantly flavoured preparation which has given good results in the treatment of Asthma, Whooping-cough, etc.

PRICES ON APPLICATION

DUNCAN, FLOCKHART & CO.

EDINBURGH and LONDON

104 Holyrood Road, 8

155 Farringdon Road, E.C.1

SOUTH AFRICA AND RHODESIA

Look the world over—find, if you can, a market anywhere that can rival the opportunity offered you now by the UNION OF SOUTH AFRICA AND RHODESIA.

PROSPERITY'S smoke is pouring from its many rich Gold Mines and numerous industries. GOLD PRODUCTION in South Africa has never before been so great and its price so high.

MANUFACTURERS OF PROPRIETARY PATENT MEDICINES AND TOILET PREPARATIONS will find this an extremely profitable market, and an excellent field for the promotion of British exports.

DRUGS & TOILETS (PTY.) LIMITED. Sole South African distributors for a number of well-known proprietary products offers a complete sales, warehousing and merchandising Service. From Headquarters in Johannesburg, and branches in Cape Town, Port Elizabeth, East London, Durban, Salisbury and Bulawayo, salesmen actively canvass the trade throughout the entire territory and supply from full stocks held at each of their branches.

DRUGS & TOILETS (PTY.) LIMITED BUYS OUT-RIGHT AND PAYS CASH IN LONDON for all its requirements through their London Office.

Write to
DRUGS AND TOILETS (PTY.) LIMITED
P.O. Box 2801, Johannesburg, South Africa

GUMS

Acacia

Tragacanth

Karaya

Benzoin

Copal

Mastic

Damar

SHELLACS

and

WAXES

Japan Wax, White

Bees Wax, Candelilla

Wax, Carnuba Wax

In natural and powder form

Official Agents

ANGELO BROS. LTD
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A. F. SUTER & CO. LTD.

VICTORY WORKS, 83/84 EASTWAY
HACKNEY WICK, LONDON, E.9

Phone: AMHurst 2275/6

Standard Synthetic LTD

SUBJECT TO BEING
UNSOLD
NEW FRIENDS INVITED TO INQUIRE

**OIL OF
AMBER RECT.**

*but... preference must be given
to pre-war accounts.*

**ESSENTIAL OIL
SPECIALISTS**

**ACTUAL DISTILLERS
AND IMPORTERS**

76-78 GLENTHAM ROAD, BARNES, LONDON, S.W.13

TELEPHONE, RIVERSIDE 3616-7.

RIDDELL INHALANTS AND INHALERS
ARE NOW UNIVERSALLY RECOGNISED AS THE STANDARD OF EFFICIENCY

INHALANTS:—

RIDDOBRON ASTHMA
INHALANT

15 YEARS OF UNPRECEDENTED SUCCESS HAVE FIRMLY ESTABLISHED
RIDDOBRON AS THE MOST EFFICIENT TREATMENT FOR
ASTHMA, BRONCHITIS AND EMPHYSEMA.
ASTHMOSANA ASTHMA INHALANT
MENTHOL TURIOPIN OIL INHALANT
RIDDOSAN INHALANT



INHALERS:—

PNEUMOSTAT ELECTRIC INHALER
SUPERPAG AND **DRITAX** HAND INHALERS
RIDDOPAG AND **ASTHMATOR** POCKET INHALER

RIDDELL PRODUCTS LIMITED
AXTELL HOUSE, WARWICK STREET, LONDON, W.1.

A profit maker— are you stocked?

**THE NATIONAL EFFORT IS
INCREASING THE DEMAND**

★

A considerable increase in minor injuries naturally attends the ever-quickenening activity in factory and workshop. In dealing with these everyday emergencies, Snowfire Ointment is of great value — it is antiseptic AND healing. As more and more labour is recruited for manual work, the demand grows and grows—a demand that is increased by the extensive press advertising. London evening newspapers, provincial daily papers and weekly illustrated publications are featuring Snowfire Ointment Advertisements. You are, therefore, strongly urged to secure your supply NOW.

Heals :

**CUTS, BURNS, SCALDS
SCRATCHES, INFLAMMATION**

In Jars, retailing at 1/-

(Including Purchase Tax)





Naturally—we do not suggest anything so drastic as our illustration—but we do offer you a safe and sure way in which to increase your Sales turnover!



Our huge list of modernly packed lines should present the opportunity which is coveted by the keen retailer.



We are unsurpassed for quality and our "Supply Service" is "second to none."

The PREMIER PACKED DRUG HOUSE ... is at your service!



OF COURSE!

McCLURE, YOUNG & CO. LTD.

MANUFACTURING CHEMISTS

159 BOLLO BRIDGE RD.
LONDON, W.3

Phones: ACORN 0350/1517/2634



Protected . .



Dire experience is rapidly perfecting methods of protecting the population against menace from the skies. Against the unseen menace of infection, too, new defences are constantly being built. Modern scientific research on Nasal congestion associated with acute or chronic rhinitis lowers the barriers against systemic invasion by pathogenic organisms.

By rapidly promoting nasal decongestion, early use of the Karsodrine Inhaler in a nasal infection may obviate many complications and avoid ultimate hospitalisation of the patient. The volatile vaso-constrictor in Karsodrine secures maximal mucosal depletion within a few minutes, and, reaching the furthestmost recesses of the nose and accessory sinuses, maintains free air-way in acute and chronic rhinitis and sinusitis. There being only one cap to remove, Karsodrine Inhaler is particularly convenient in use.

Retail Price 1/6 (Inc. Tax)



FORMULA: Amphetamine, 0.330 grm.; Cineole, 0.093 grm.; Ol. Citronell, 0.026 grm.; Methyl Salicyl, 0.023 grm.; Ol. Cedri, 0.005 grm.; Menthol, 0.049 grm.; Ol. Eucalypt, 0.089 grm.

Apart from its effectiveness, the Karsodrine Inhaler is an excellent financial proposition. Retail Price is 1/6d. (tax), which yields 50% per dozen profit. It applies equally to small quantities if ordered other than "Griffiths Hughes" products.

E. GRIFFITHS HUGHES
LIMITED

A PRODUCT OF



ADELPHI, SALFORD
MANCHESTER

LABORATORIES

OXOID™

The word "OXOID" is the trade mark of OXO Ltd., and is used in connection with their therapeutical preparations both in tablet and fluid extract form.

ORGANO-THERAPEUTICAL PRODUCTS

LABORATORY PREPARATIONS

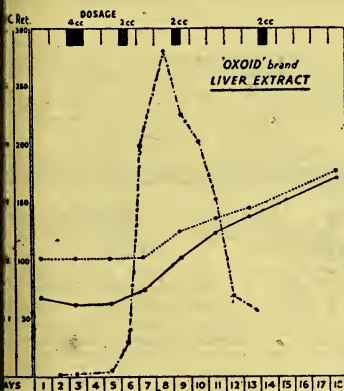
PERNICIOUS ANEMIA

OXO LTD'S LIVER EXTRACT FOR INJECTION (I.M.)

A highly potent preparation for the treatment of pernicious anemia.

Dosage in emergency cases is 4 c.c. initial dose, followed by 2 c.c. at three days intervals in the first week and 2 c.c. at weekly intervals subsequently. It will usually raise the blood count to normal in a few weeks.

Maintenance dose: 2 c.c. monthly.



Supplied in ampoules of 2 c.c. & Bottles of 10 c.c. & 20 c.c.
Ampoules: 6 (6/6); 12 (12/6); 50 (48/-); 100 (92/-)
Bottles: 10 c.c. (4/9); 20 c.c. (8/6)

LIMITED, Thames House, London. E.C.4

OXO LABORATORY PREPARATIONS

There is already an Established Demand for this Highly Concentrated Extract



PA-MA Beef and Vegetable Extract is extremely nourishing and has already proved its value to the public as an invalid food.

It has a piquant flavour which tempts the appetite even when the patient has refused light foods. Excellent for convalescents, it builds up strength by providing real nourishment in a rich, yet easily digested form. Owing to its high concentration, PA-MA Extract can be greatly diluted. A small jar supplies sufficient for twenty-six cupfuls.

Prepared from PRIME BEEF & VEGETABLES

NO POINTS OR COUPONS REQUIRED

Retail Prices: 1/3 and Economy Size 5/9

Get your Supplies NOW!

PA-MA BEEF AND VEGETABLE EXTRACT

Enquiries to

Sole Consignees: A. C. FINCKEN & CO.
Keynsham Priors, High Street
Cheltenham Gloucestershire

Makers: PA-MA FOOD PRODUCTS LTD.
Newcastle-upon-Tyne



LICENCE NO. L. 164

LEM-LEM

REG. TRADE MARK

The National Substitute for Lemons

EVERY PACKET OF LEM-LEM CONTAINS .375 VITAMIN "C"

WARRANTY**Food Substitutes and Food & Drugs Act**

The Manufacturers of Lem-Lem accept all responsibility and indemnify retailers should any proceedings result from causes attributable to their (Clinical Products Ltd.) default. Keeping quality of Lem-Lem guaranteed.

ORDER NOW through your usual wholesaler, or—

MAW, SON & SONS, LTD., Aldersgate House, New Barnet, Herts.

Sole Manufacturers—

CLINICAL PRODUCTS LTD., 2 The Green, Richmond, Surrey

Retail Price

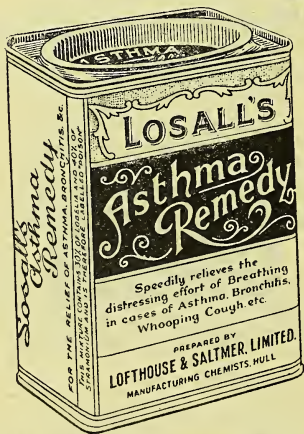
4½d.

50 Years' Test—

has proved the value



of



GET YOUR CUSTOMER TO TRY IT!

Retail price (including tax) 1/8

(Wholesale terms 12/- doz. Tax 2/- doz.)

LOFTHOUSE & SALTNER, LIMITED, HULL

ORDERS and INDENTS invited from
DOMINION, COLONIAL and ALLIED IMPORTERS
W. H. JONES & CO. (LONDON) Ltd
BUYERS and SHIPPERS
War-time Address:
RUSPER, BARNET, HERTS, ENGLAND

*Good! it's***MASON'S**

EXTRACT OF BEER

A 9d. bottle makes 6 gallons
delicious sparkling Mason's H.
Beer. **GOOD PROFITS—QUICK SALE**

The
CHEMISTS'
FAVOURITE
for over
75 YEARS

Write for Trade Terms
NEWBALL & MASON LTD., NOTTINGHAM, ENGL.

PHARMAN (BIRTLEY), LTD.

Manufacturers of
Pharmaceutical Specialities
BIRTLEY, Co. DURHAM

GLASSBLOWING

OF EVERY DESCRIPTION

MEDICAL, SURGICAL AND LABORATORY

BENCH BLOWN GLASSWARE

G. C. AIMER & CO. 56-8 ROCHESTER P.
GUL. 3618 CAMDEN RD., N.

*For the best
in*

**MODERN
PHARMACY**

THORNTON & ROSS LIMITED
Manufacturing Chemists
LINTHWAITE · HUDDERSFIELD

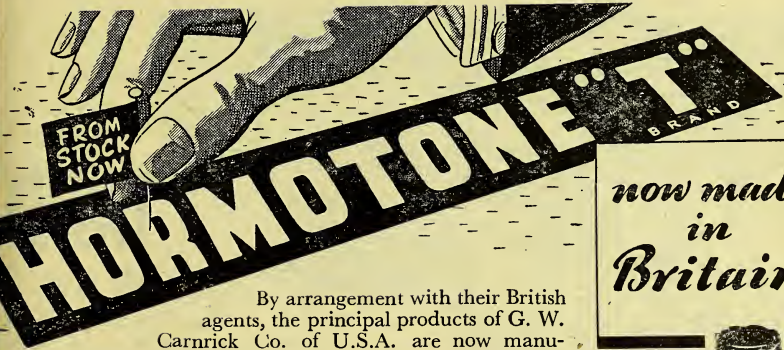
**CURIOSITIES OF
ANCIENT PHARMACY**

No. 17

“Scrolls of Flame!”

MOST of the ancient Greek, Roman and Egyptian writings on pharmacy were destroyed by the Arabians. When Alexandria was captured in 624 A.D., the priceless scrolls in the libraries were used to heat the water for the public baths. So numerous were they that, it is said, they lasted six months for this purpose!

T.R. 109



*now made
in
Britain*

By arrangement with their British agents, the principal products of G. W. Carnrick Co. of U.S.A. are now manufactured in Britain.

Orders for “HORMOTONE” “T” Brand or any of the other products listed below can be accepted for immediate delivery from stock.

Order through your usual wholesaler or direct from sole distributors. “HORMOTONE” “T” Brand in bottles of 40 tablets only. “HORMOTONE” Brand in bottles of 100 and 500 tablets.

G. W. CARNRICK CO.
Newark, New Jersey, U.S.A.



available from stock:
MOTONE Brand,
s of 100 & 500 tabs.
MOTONE Brand
out POST-PI-
ARY, bottles of
bs. TRYPSOGEN
, bottles of 100 and
bs. TRYPSOGEN
l (special-coated),
s of 100 and 500
COLOPO Brand,
s of 40 tabs.

RIBUTORS:

cks & Warburton, Ltd., 232 Vauxhall Bridge Road S.W.1



PINEOLEUM BRAND INHALANT

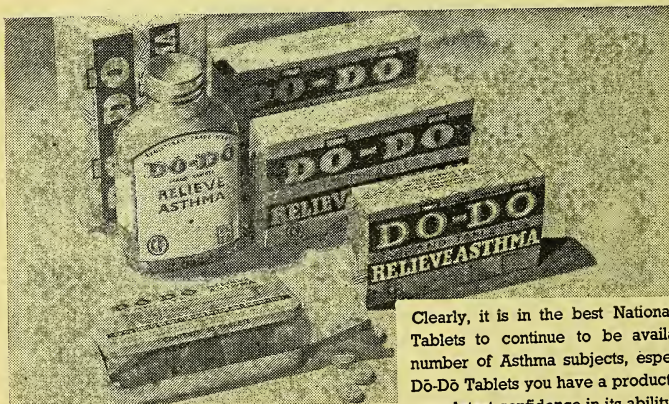
A CLASSIC FORMULA PREFERRED by PHYSICIANS for 40 YEARS
TO CURB A COLD and EASE ITS DISTRESS

STOCK AVAILABLE through your usual wholesale channels or direct from the
sole distributors for the Pineoleum Company in Great Britain and Ireland

The CHESEBROUGH MFG. CO., LTD.
VICTORIA ROAD, WILLESSEN, N.W.10

IN THE FOLLOWING PACKS—

			Pre Tax Retail Price	Suggested Retail price with P. Tax
Pineoleum Brand Nebulizer Outfit.				
Outfit, complete with inhalant, in carton	..	.. 45/- per dozen	.. 5/-	.. 5/7½
Pineoleum Brand Inhalant.				
100 c.c. bottle, in carton	..	.. 45/- " "	.. 5/-	.. 5/7½
15 c.c. bottle with dropper	..	.. 13/6 " "	.. 1/6	.. 1/8½
Pineoleum Brand Ephedrine Jelly.	..			
Collapsible tubes with applicator	..	.. 11/3 " "	.. 1/3	.. 1/5



Do-Dō
War Job

Clearly, it is in the best National Interests for Do-Dō Tablets to continue to be available to the largest number of Asthma subjects, especially those on war work. Do-Dō Tablets you have a product you can recommend with complete confidence in its ability to do all that is claimed.

Do-Dō

RETAIL PRICES

INCLUSIVE OF TAX

1/1½ 3/4½

INTERNATIONAL LABORATORIES
CHARLBURY OXFORD 'Phone Charlbury

THE ASTHMA TABLETS
Doing a War Job Well

at unusual opportunities the pharmacist has for studying human nature! A continuous stream of customers reveal themselves to his keen perception by their purchases, their half-confidences, their hopes and fears . . .

Customers vary . . .

DING FOR A BREAK - DOWN—you can see it in her face. Working hours on munitions; looking after an invalid mother as well; worrying about her boy in Africa. It's all too much for her. She "thinks she needs a rest." Well, that is something you can very quickly do for her. But why not at the same time a sustained course of Benger's every night, to give her a good sleep, to soothe the nerves (of her stomach), and to build up her strength? She reads that advice in Benger advertisements in every magazine she picks up but a word from you would go a long way.

**. but you can invariably
sell them —————**

BENGER'S

**90% of your customers need Benger's
and are being educated to ask for it.**



Member of the
Chemists Friend
Association

Announcement

"ZEMS"



Member of the
Chemists Friend
Association

HERBAL LICORICE TABLETS

THE BEST MEDICATED TABLET FOR
COUGHS, COLDS, ASTHMA, BRONCHITIS, ETC.

We have now joined Chemists Friend Association

SUPPLIES MAY BE OBTAINED FROM C.F. WHOLESALE HOUSES

ZEMS, LTD., 718-724 SEVEN SISTERS ROAD, LONDON, N.15



Prunol continues to increase in public favour. It is in constant demand for children and adults. Supplies are still available for prompt delivery from all wholesale houses.

PRUNOL PROPRIETARIES LTD

Sales Dept., Northington House
NORTHINGTON STREET, W.C.1

Prunol

PASTILLES

***Prunol
sells at
7^p & 1/5**
(including tax)

75% OF YOUR CUSTOMERS

NEED

SAMONA

The well known Restorative

This wonderful Medical Restorative BRINGS IMMEDIATE RELIEF IN ALL CASES OF NERVE STRAIN, DEPRESSION, TIRED and LISTLESS APPEARANCE, MENTAL and PHYSICAL EXHAUSTION

SAMONA LTD., Northington House, Northington Street, LONDON, W.C.1



PRICES (including purchase tax)
3/5 & 5/7½ (more than double quantity)



There will always be an insistent demand for **SHERLEY'S** DOG PREPARATIONS

Despite the abnormal conditions prevailing, there will always be an insistent demand for Sherley's Dog Preparations as they are recognised by Owners everywhere as the True Standard of Excellence. It would therefore be wise to stock your shelves to capacity so as not to run the risk of disappointing regular customers. We, on our part, will continue to support retailers to the utmost, and maintain the fullest supplies possible.

PURCHASE TAX. The following ruling from H.M. Customs & Excise has effect from June 4th, 1942:—

SHERLEY'S COATACINE—TAX 66½%
SHERLEY'S DRY CLEANER BLOCK AND POWDER
—TAX 33½%

NEW RETAIL PRICES

COATACINE 2/3d.
DRY CLEANER PREPARATIONS 7½d.
NOFOL 1/9d. (TAX FREE)

FREE DISPLAY MATERIAL. Bold, attractive Display Cards for counter and window are supplied to all Sherley stockists, free and post free.

DISCOUNT TERMS

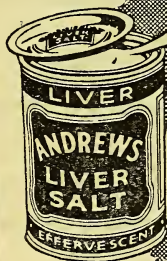
discount of 10% on minimum £2 parcels
to be in future deducted from invoice,
rendering the invoice nett 30 days. Orders
under £1 and over carriage paid.

Due to the difficulty in arranging travellers'
regular calls, journey accounts are discon-
tinued. Accounts are payable 30 days nett.

F. SHERLEY & CO. LTD., Boston Manor Road, Brentford, Middlesex

AN ANNOUNCEMENT CONCERNING **PEROX-CHLOR** OF IMPORTANCE TO CHEMISTS

Perene's Laboratories, Limited, have entirely
taken possession of the damaged premises at
7 Gray's Inn Road, London, W.C.1, and all
communications should be addressed to the
factory, 46/52 Elswick Road, Newcastle-on-Tyne 4.
Telephone: Newcastle 34006.
The Purchase Tax on Perox-Chlor has now been
reduced to 33½%, and the new retail selling prices
are 1/7, 3/10, and 6/4.



*The demand
is for
ANDREWS*

MILLAMALT

The **VITAMIN
MALT FOOD**

With Guaranteed Complement of Vitamins A, B, C & D
Sole Manufacturers.
JEFFREYS, MILLER & Co. Ltd. Leyland Mills, WIGAN. London Depot, 19 Brookside Road, N.19

CAPSULE MAKERS TO THE TRADE . . .

Many years of specialised experience are at your disposal. Superlative
products at keenly competitive prices. Ask us to quote for your next
requirements. Own or standard formulæ compounded.

CROWN CAPSULE CO. CAMPBELL ST., HELENSBURGH,
SCOTLAND. 'Phone: Helensburgh 356



IMPORTANT ANNOUNCEMENT

Under a recent Government Order it is no longer possible for us to send regular advices of the position of supplies to our customers, and Petrol restrictions prevent our remaining representatives from calling on the majority of our regular customers.

SCRUBB'S SOLID FUEL

No odour—No fumes! Your customers will like it!!

Needed in every home for Raid Shelters, emergencies, also ideal for hotplates, coffee percolators and conas curling irons, primus stoves, etc.

Just the thing to save fuel!

Packed in boxes each containing 1 dozen tablets.

Retailing at 1/- per box.

Trade price, 8/- per dozen boxes.

Delivery approximately two weeks.

**Order NOW to save
disappointment**

Sole Distributors:

CHEMICAL & NATURAL PRODUCTS L

Wimbledon Factory Estate, Morden Road, London, S.W.



The CHEMIST AND DRUGGIST

SUPPLEMENT

Supplement is included in every copy of Chemist & Druggist

DECEMBER 5
1942

28 ESSEX STREET, LONDON, W.C.2

Advertisements in this supplement must be prepaid and should reach us not later than WEDNESDAY week of issue. Box Office numbers cost 1/-. Late advertisements will be held over to following week

NARD'S White Box Brand Perfume
Fleurs Face Powder. In proprietary
s. Available in four weeks, and in
following shades: Peach, Naturelle,
an, Rachele and Brunette. Approx.
2 ozs. Retailing at 2/11 per carton,
cluding tax. **LEE-NARD'S DEPT.,**
hard Lee-Narvill & Co., Lee-Narvill
poratories, Hull.

OPTICAL TUITION

FOR THE
C., B.O.A., and N.A.O. DIPLOMA Examinations
ulars:—
A. SCURR, F.S.M.C., F.B.O.A., F.N.A.O.,
F.I.O., F.C.O., M.P.S.
HIGH STREET, BARNET, LONDON, N.

OINTMENTS

z. Decorated Tins. Boracic, Zinc, and
hur, 24/- per gross. Purchase Tax, 5/- per s.
Carriage paid on 3 gross lots upwards for
with order. Order whilst stocks available.
A. STOKES & CO., LIMITED, Wholesale
Manufacturing Chemists, **BRISTOL, I.**

ONDHAND PLANT AND MACHINERY of
ry description. The most comprehensive
ks in the country held at London and Leeds.
atalogues not being printed owing to paper
nomy. Send enquiries to:—
GEORGE COHEN, SONS & CO., LTD.
od Lane, London, W.12, & Stanningley, Nr. Leeds

STICK CASES. Attractive colours and design.
lm.m. 36/- per gross. Sample doz. supplied, 3/6.

CE POWDER IN BULK. Good quality in
en popular shades, 5/- per lb., plus Purchase
663rds; supplied in 10-lb. Tins, chargeable
returnable. Cash with order; satisfaction
ranteed or money refunded.

CE POWDER IN BOXES, popular shades,
nded lines, registered manufacturer, 30/- per
z. including Purchase Tax; sells at 42/- per doz.

ASS JARS AND BOTTLES. Large stock
all sizes and types, immediate delivery. Send
ails of requirements or, better still, call:—

Clements, 57/8 Wells St. Oxford St. London, W.1

CHEMICALS & RAW MATERIALS for all Industries

In stock
EUCALYPTUS OIL
and other essential Oils

A. REVAI & CO. LTD.
7-8 IDOL LANE, LONDON, E.C.3
MANSION HOUSE 6877 (4 lines)

BRILL-CREAM JARS	48/- gross
1 oz. VANISHING CREAM JARS ..	36/- "
2 oz. PANEL BOTTLES	30/- "
4 oz. PANEL BOTTLES	36/- "

All complete with screw caps. Car. paid. Not
less than 5 gross of a line supplied. Samples to
be paid for. Special discounts for quantities.

E. CHARLTON, King St., Farnworth, Lancs. Tel. 298

A SHELLAC DISTRIBUTING AGENCY

is being formed to handle the distribution to
actual users of such supplies as may be released
by the Ministry of Supply, now constituted the
Sole Importer.

Those eligible to apply for Membership of this
Agency are:—

(1) Any person or firm who whether as
principal or broker did during the calendar
years 1938, 1939, 1940, sell directly to an
ultimate consumer in the U.K. an average of
at least 50 tons per annum of Raw Shellac and
of whose purchases of Raw Shellac at least
80 per cent. was resold to ultimate consumers;
and (2) (a) Any shipper or shippers' agent who
was genuinely engaged in the shipping of
Shellac from India to the U.K. during the years
1938, 1939, 1940, and

(b) Any Broker who was genuinely engaged
in the selling of Shellac for shippers to dis-
tributors in the U.K. during the years 1938,
1939, 1940.

Intending members should apply for member-
ship, not later than 15th December, 1942, to

Mr. E. D. Perrin, Secretary,
London Shellac Trade Association,
24-25 Fenchurch Street,
LONDON, E.C.3.

Applications for membership under (1) above
should be accompanied by a certificate signed by
an authorized person showing the tonnage and
percentage of raw Shellac sold as defined during
the years stated.

MISCELLANEOUS OPPORTUNITIES

NOTICE TO CHEMISTS AND MANUFACTURERS

RAW MATERIALS AVAILABLE

for the manufacture of high-class quality cosmetics and powders

● Perfume Compounds ● Stearic Acid ● Lanolin
● Sulphonated Fatty Alcohols ● Beeswax ● Paraffin
Wax ● Glycerine Substitute ● Talcum Powder, ETC.

Best quality products from 1 lb. up. Our salesmen can call with samples. All enquiries welcomed

Borys Beauty Products Ltd.
Trenmar Gardens, London, N.W.10

Tel: LADbroke 0202

"OVULSIN"

"Ovulsin," a new Emulsifying Agent for the production of Hand Jelly, Hair Fixative, Hair Cream, Wave Set, etc., etc. In order that you may try out this new discovery, we will supply the first batch of Material FREE.

Cost of Formula and fully detailed instructions, £1 5s.

On receipt of your cheque we will forward, Carriage and Container free, sufficient Material to make 25-30 lb. of any item above.

Order NOW as the offer is Limited and immediate deliveries in strict rotation can be guaranteed. CASH WITH ORDER.

Orders and cheques to be sent to:

C. E. DAVIDS, 13 Orpen Rd., Hove 4, Sussex

SMART BOTTLES & JARS

2 oz. to 40 oz., with metal screw caps, also corks. Large stocks, prompt delivery. Send stamp for list.

M.F. LTD.

4 CAVENDISH PLACE, LONDON, W.1

McWADE'S PEROXIDE TOOTHPASTE

Prevents decay . Refreshing
and Cleansing . Antiseptic
Germicide

Priced 1/6

42/- gross (plus 14/- tax)

Carriage paid

HARMAN DIETETIC LABORATORIES LTD.

109 Cricklewood Broadway, N.W.2

GLAdstone 1084

MARLENE PRODUCTS

have pleasure in announcing that they can now sell

MASCARA

IN NEAT BOX WITH BRUSH COMPARTMENT

(Black only—no brushes available)

14/6 doz., plus 66 $\frac{2}{3}$ Purchase Tax

CREAM ROUGE

Clear glass pots, 19/6 doz.;

plus 66 $\frac{2}{3}$ Purchase Tax

All Goods labelled and supplied by Registered Manufacturers

Cash with order. C.O.D. or pro forma.

MARLENE PRODUCTS

18 WALTHAM AVENUE, KINGSBURY N.W.9

OFFERED

Best French Chalk; Best White Talc; Zinc Oxide, B.P.; Finest Plaster of Paris; Calcium Praecip. and Prep.; Kaolin, B.P. Opt.; Pure Stone Powder substitute; White Oils; Glycerine; Tragac and Karaya, finest white powder; Waxes—Cera Alb. and white Emulsifiable substitute; Ceresine White, Spermaceti Paraffin; Yellow Soft Paraffin; Freerall Cleanser (washing clothes without soap); Soap Flakes; Green Soft Soap (Hairdressers); White Block Stearic and Powder; Hair Materials; Special Quantity Prices; Yarns Wanted Solicited. HENSHAW, M.P.
97 Clear Mount Road, Weymouth, Dorset
Telephone: Weymouth 448

ROUGE BLOCKS Easily Prepared, guaranteed results. Mould 12 x 1 $\frac{1}{2}$ in., Form sufficient Colour and Excipient for 16 doz. £2. 32 doz., £2 11s.

LIPSTICK COLOURS. All shades from 1/2 lb.

LIPSTICK CARTONS. Attractive Finish. 9d. doz., 7/6 a gross; 5 gross lots, 3 Sample 4d. post paid.

CREIGHTON (AGENCIES) CO.

1a Queens Parade, Muswell Hill
LONDON, N.10

Only a limited quantity left of FRENCH PERFUMED SPIRIT in Pompeia. Assorted size bottles. Also COGNONES in Ambree, Aux Fleurs Superscence.

Manufactured by Parfumerie L. T. Piver Paris Ex the S.S. St. Loubert Bie.

The above are made up assorted parcels of inclusive of purchase tax. No splitting of parcels. Orders in strict rotation. Terms: Cash with order.

SIR JOHN PRATT & CO.

89 Forset Court, Edgware Road
London, W.2

BUSINESSES FOR DISPOSAL

40 words or less, 2d. for every additional word.

ON, S.E. District. Chemist's business for disposal. Old established; good connexion; low rent premises let off; turnover prior to War £40 per week. Exceptional opportunity for man. For full particulars apply Parkin S. Kimberley House, Holborn Viaduct, London,

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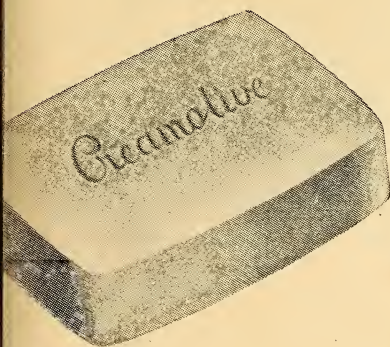
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